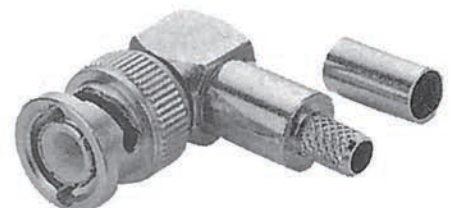
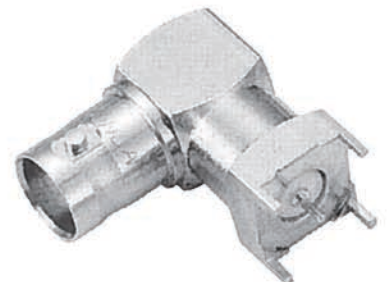


# ELITAVIA

## Coaxial Connectors - RF/Microwave

BNC CONNECTORS  
TNC CONNECTORS  
TWINAX CONNECTORS  
N CONNECTORS  
UHF CONNECTORS  
MINI-UHF CONNECTORS  
MICRO COAX  $\Phi$ 1.13MM CONNECTORS  
F CONNECTORS  
RCA CONNECTORS  
EUROPEAN CONNECTORS  
SMA CONNECTORS  
SMB CONNECTORS  
SMC CONNECTORS  
MMCX CONNECTORS  
MCX CONNECTORS  
REVERSE POLARITY CONNECTORS  
1.0/2.3 COAXIAL CONNECTORS  
1.6/5.6 COAXIAL CONNECTORS  
K (2.92MM) & SMP CONNECTORS (0~40GHz)  
CCITT G.703 & CATV BALUNS  
FME (SAP) CONNECTORS  
SSMA CONNECTORS  
SSMB CONNECTORS  
MULTIMEDIA KEYSTONE INSERT  
HAND CRIMPING TOOLS



## CAT. RF-H

## CAT. RF-H (INDEX)

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BT43 CONNECTORS & ADAPTORS .....	H2001~H2003
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- TECHNICAL ALTERATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- ALL ARTICLES ARE RoHS & REACH/SVHC COMPLIANT.



## ORDERING INFORMATION (1)

FOR EXMAPLE:

**B 106 CU-F N G T 50**  
1 2 3 4 5 6 7 8

### 1. SERIES CODE:

“B” BNC  
“BT” BT43  
“F” F  
“N” N  
“P” PAL,IEC(EUROPEAN)  
“R” RCA(CINCH)  
“T” TNC  
“U” UHF  
“K” K  
“EB” 1.0/2.3  
“EE” 1.6/5.6  
“MC” MCX(LUCENT)  
“MM” MMCX  
“MU” MINI UHF  
“NP” FME,SAP(NIPPLE)  
“MB” MINI BNC  
“RB” REVERSE BNC  
“RM” REVERSE MMCX  
“RN” REVERSE N  
“RS” REVERSE SMA  
“RSB” REVERSE SMB  
“RT” REVERSE TNC  
“SA” SMA  
“SB” SMB  
“SC” SMC  
“SS” SSMA  
“ST” SSMB  
“SV” SSMC  
“SP” SMP  
“TB” TRB  
“TN” TWINAX

### 2. CONNECTOR NO.:

001 ~ 999

### 3. BODY MATERIAL:

“CU” BRASS  
“ZN” ZINC  
“DC” DIECAST  
“ST” STAINLESS STEEL

### 4. CABLE GROUP CODE:

(PLEASE SEE NEXT PAGE!)  
A,B,C,D,F,G,H,K,L,M,N,P,  
Q1-Q9, R1-R9, S1-S9, T1-T9,  
U1-U9, V1-V9, W1-W9, Y1-Y9,  
01-99, X

### 5. BODY FINISH:

“G” GOLD PLATED  
“N” NICKEL PLATED  
“S” SILVER PLATED  
“C” CHROME PLATED  
“T” TIN PLATED  
“X” NIL

### 6. CENTER CONTACT FINISH:

“G” GOLD PLATED  
“N” NICKEL PLATED  
“T” TIN PLATED  
“X” NIL

### 7. INSULATION:

“D” DELRIN, TPX  
“T” TEFLON  
“R” REXOLITE  
“H” P.P.

### 8. IMPEDANCE:

“50” 50 OHMS  
“75” 75 OHMS  
“93” 93 OHMS  
“00” NON CONSTANT

## ORDERING INFORMATION (2)

CODE	CABLE GROUP	CODE	CABLE GROUP
A	RG6/U,B9248	U6	RG6/U QUAD
B	RG8,8A,213,393/U	U9	RG59/U QUAD
C	RG9,9A,9B,214/U	V3	FLEX3
D	RG11,11A/U	V4	FLEX5
E	RG22A,22B/U	V6	RG316/U DOUBLE BRAIDED
F	RG58,58A,58C,141,141A,303/U	V7	RG179/U DOUBLE BRAIDED
G	RG59,59A,59B,62,62A,62B,140,210/U	V8	RG58 PLENUM,THINNET,B88240
H	RG71,71A,71B/U	V9	B9100 (BELDEN 9100)
K	RG55,55B,142/U	W2	RG59/U-AWG20,ST214
L	RG174,188,188A,316/U	W3	RG59/U PLENUM
M	RG178,178A,178B,196,196A/U	W4	RG59/U PLENUM-AWG20
N	RG179,187,187A/U,B9221	X	NIL, ADAPTOR
P	RG223/U,RG400/U	Y1	LMR100
Q1	B8281,B9231,B9141	Y2	LMR200,B7807A
Q2	B8227,B9207	Y3	LMR195
Q3	RG11/U-AWG14,B8213,B8292	Y4	LMR400,B9913,B7810A,B8214
Q4	AF50	Y5	LMR240,B7808A,8X
Q5	5D-2V	Y6	LMR600
Q6	12D-2V	Y7	B1694A,B9248
Q7	8D-2V	Y8	B8227,B89207
Q8	8D-FB	Y9	LOW LOSS CABLE
Q9	10D-2V	Z1	CT-167
R1	.141 SEMI-RIGID,RG402/U	Z2	CT-125
R2	.085 SEMI-RIGID,RG405/U	04	RG180,195,122/U,B1865A,B8218
R3	.250 SMEI-RIGID	05	AIRCELL 5
R4	.047 SEMI-RIGID	07	AIRCELL 7
R5	RLF5	08	AIRCOM PLUS
R6	RG735A/U	13	1.13MM CABLE
R7	RLF7	20	2.00MM CABLE
R8	B88281 (BELDEN 88281)	21	1.5DS
R9	B89913 (BELDEN 89913)	32	1.32MM CABLE
S1	ST-212,2C-2V	37	1.37MM CABLE
S2	ST-214	48	1.48MM CABLE
S3	3C-2V	55	B1855A (BELDEN 1855A)
S4	3C-2W	57	FLEX2
S5	5C-2V	58	2D-2V
S6	2YCCY	59	LMR300
S7	7C-2V	73	B7341D1,B374A
S8	1.5C-2V	74	B735A
S9	2.5C-2V	81	0.81MM CABLE
T1	BT2001	88	B88240,B89907
T2	BT2002	90	0.90MM CABLE
T3	BT2003	<b>*THE OTHERS UPON REQUEST!</b>	
T4	BT3001		
T5	BT3002		
T6	RG6 PLENUM,B1695A		
T7	RA7000		
T8	RA8000		
T9	RG312/U		
U1	CT100		
U2	H122		
U3	H155		
U4	BELDEN 734D1,734A		



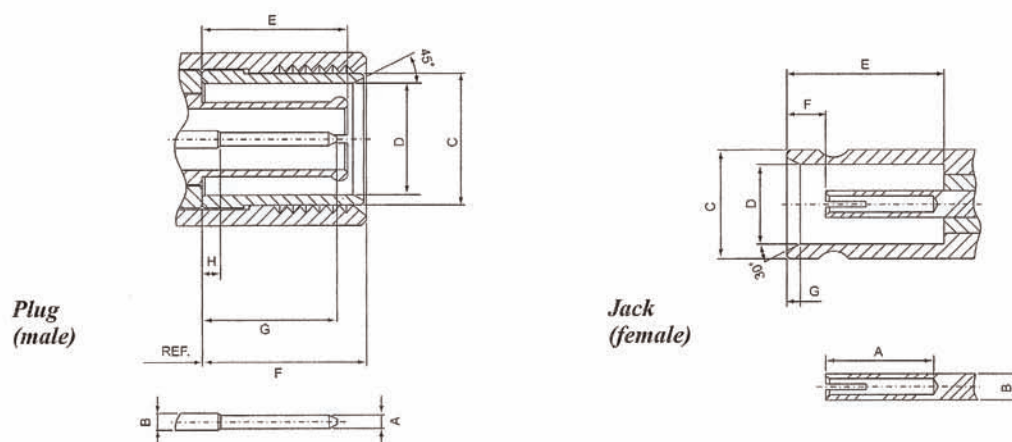
## 1.0/2.3 SERIES CONNECTORS & ADAPTORS

### 50 Ohm 0-4GHz

The 1.0/2.3 coaxial inserts are suitable for applications up to 4 GHz and Inserts feature a slide-on coupling mechanism, which ensures a short connect-disconnect time.

It has impedance accuracy, fast and easy assembly as well as high reproducibility.

### Interface Dimensions:



	Plug		Jack	
	min.	max.	min.	max.
A	0.48/.019	0.52/.020	4.50/.177	-
B	1.00/.039 nom.		1.00/.039 nom.	
C	4.66/.183	4.78/.188	4.03/.159	4.15/.163
D	4.20/.165	4.28/.169	3.00/.118	3.06/.120
E	5.40/.213	5.70/.224	5.80/.228	5.90/.232
F	9.25/.364	9.35/.368	1.15/.045	1.45/.057
G	5.20/.205	5.50/.217	0.50/.020	0.60/.024
H	-	1.15/.045	-	-

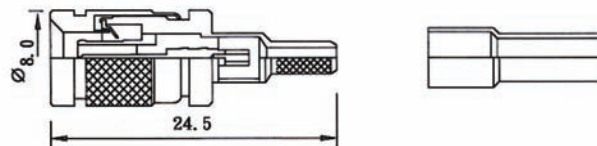
### Electrical:

Impedance	50 ohm
Frequency Range	0 to 4.0 GHz

## 1.0/2.3 COAXIAL PLUG CRIMP TYPE

### EB056CU-\*\*GT\*\*

1.0/2.3 PLUG CRIMP TYPE  
(WINDOW TYPE)

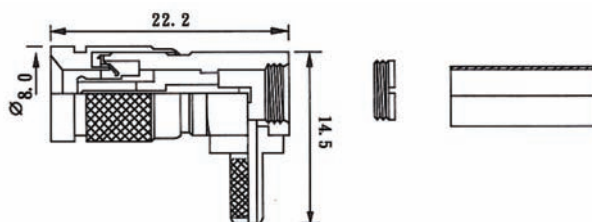


#### Applicable Cable

RG/174/178/316/1.5C2V/2.5C2V/BT3002/FLEX3

### EB058CU-\*\*GT\*\*

1.0/2.3 PLUG CRIMP  
RIGHT ANGLE TYPE



#### Applicable Cable

RG/174/178/316/1.5C2V/2.5C2V/BT3002/FLEX3

## ORDERING INFORMATION:

P/N E B x x x C U - x x G T x x  
2 3 4 5 6 7 8

#### 2. CONNECTOR CODE:

EB056, EB058

#### 3. BODY MATERIAL:

"CU" BRASS

#### 4. CABLE GROUP CODE:

"M" RG178/U, RG196/U (50Ω)

"V6" RG316/U DOUBLE BRAID (50Ω)

"L" RG174/U, RG316/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

\*SEE PAGE H0002 FOR THE OTHERS!

#### 5. BODY FINISH:

"G" GOLD PLATED

"N" NICKEL PLATED

#### 6. CENTER PIN FINISH:

"G" GOLD PLATED

#### 7. INSULATION:

"T" TEFLON

#### 8. IMPEDANCE:

"50" 50 OHMS

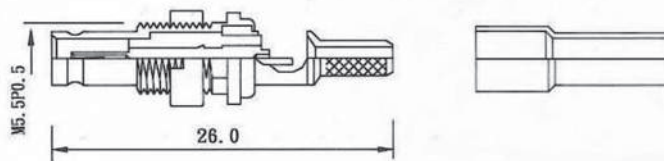
"75" 75 OHMS



## 1.0/2.3 COAXIAL JACK CRIMP TYPE

### EB060CU-\*\*GT\*\*

1.0/2.3 JACK CRIMP TYPE  
(WINDOW TYPE)

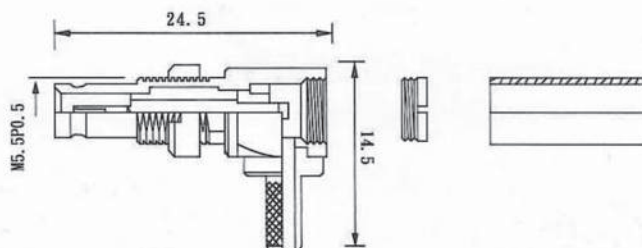


#### Applicable Cable

RG/174/179/316/1.5C2V/2.5C2V/BT3002/FLEX3

### EB057CU-\*\*GT\*\*

1.0/2.3 JACK CRIMP  
RIGHT ANGLE TYPE

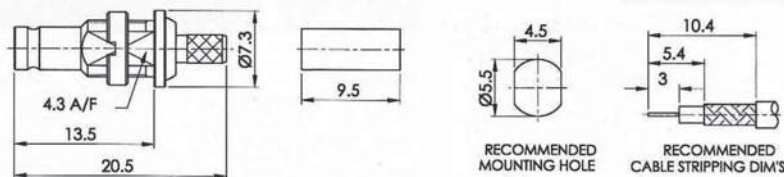


#### Applicable Cable

RG/174/179/316/1.5C2V/2.5C2V/BT3002/FLEX3

### EB066CU-\*NGT50

1.0/2.3 JACK CRIMP TYPE



## ORDERING INFORMATION:

P/N E B x x x C U - x x G T x x  
           2          3          4 5 6 7 8

2. CONNECTOR CODE:

EB060, EB057, EB066

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"M" RG178/U, RG196/U (50Ω)

"V6" RG316/U DOUBLE BRAID (50Ω)

"L" RG174/U, RG316/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

\*SEE PAGE H0002 FOR THE OTHERS!

5. BODY FINISH:

"G" GOLD PLATED

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

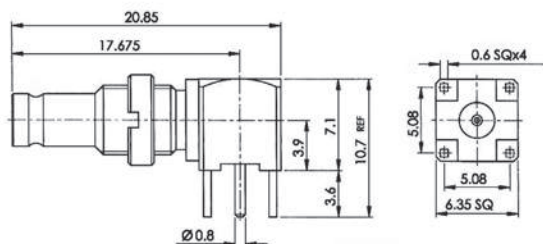
8. IMPEDANCE:

"50" 50 OHMS

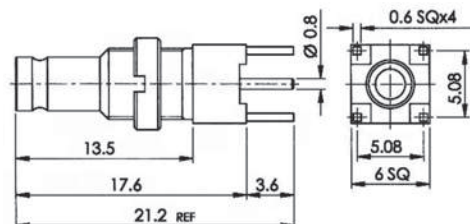
"75" 75 OHMS

## 1.0/2.3 COAXIAL PCB MOUNT JACKS & ADAPTORS

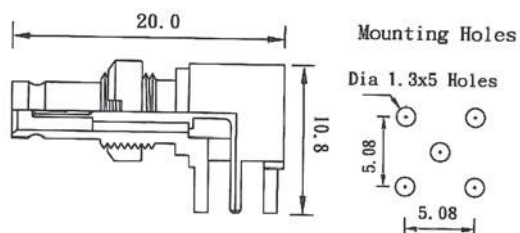
**EB055CU-XGGT50**  
**EB055CU-XNGT50**  
 1.0/2.3 JACK RIGHT ANGLE  
 PCB MOUNT TYPE



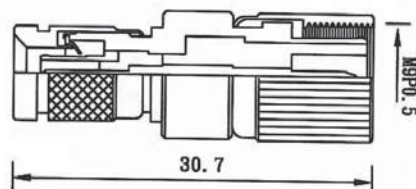
**EB054CU-XGGT50**  
**EB054CU-XNGT50**  
 1.0/2.3 JACK STRAIGHT  
 PCB MOUNT TYPE



**EB061CU-XGGT50**  
**EB061CU-XNGT50**  
 1.0/2.3 JACK RIGHT ANGLE  
 PCB MOUNT TYPE



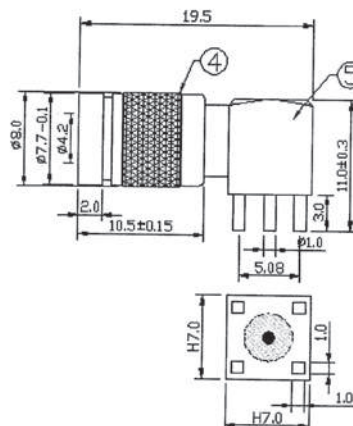
**EB059CU-XNGT75**  
 1.0/2.3 MALE TO  
 1.6/5.6 MALE ADAPTOR



**EB062CU-XNGT75**  
 1.0/2.3 MALE TO N MALE ADAPTOR  
**EB063CU-XNGT75**  
 1.0/2.3 MALE TO N FEMALE ADAPTOR  
**EB064CU-XNGT75**  
 1.0/2.3 FEMALE TO N MALE ADAPTOR  
**EB065CU-XNGT75**  
 1.0/2.3 FEMALE TO N FEMALE ADAPTOR

\*SEE N TO 1.0/2.3 ADAPTORS!

**EB068CU-XNGT50**  
 1.0/2.3 PLUG RIGHT ANGLE  
 PCB MOUNT TYPE





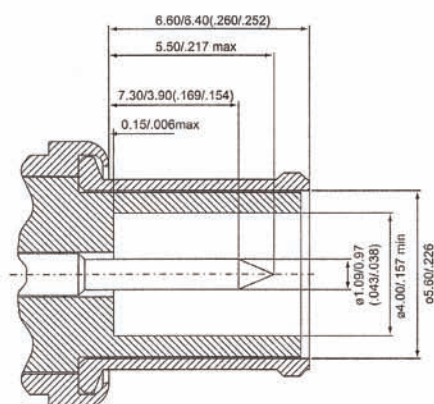
## 1.6/5.6 SERIES CONNECTORS & ADAPTORS

### 75 Ohm 0-1GHz

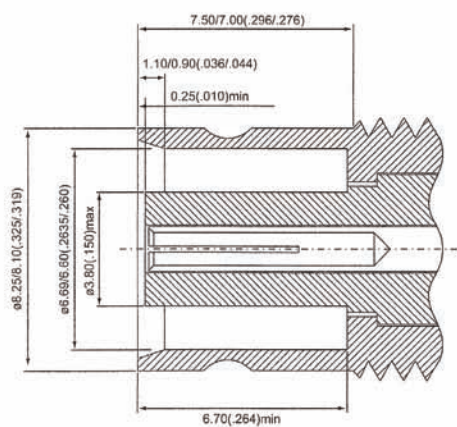
1.6/5.6 Connectors are suitable for use in 75 Ohm standard in telecommunication systems in many parts of the world. These connectors feature screw coupling to ensure mating integrated and snap coupling for ease of connection and disconnection.

#### Interface Dimensions:

**Plug  
(male)**



**Jack  
(female)**



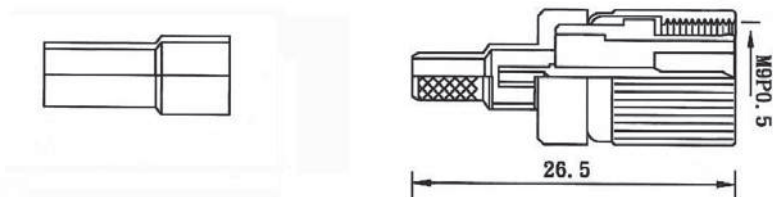
#### Electrical:

Impedance	75ohm
Frequency Range	0 to 1 GHz

## 1.6/5.6 COAXIAL PLUG CRIMP TYPE

### EE234CU-\*\*GT75

1.6/5.6 PLUG CRIMP TYPE  
(WINDOW TYPE)

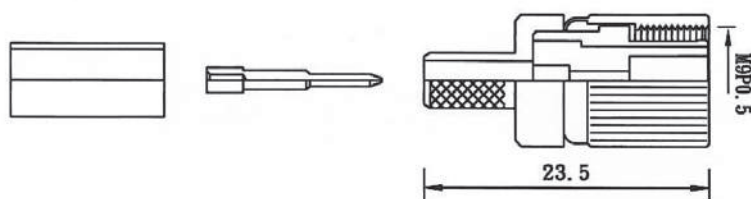


#### Applicable Cable

RG/174/178/179/316/1.5C2V/2.5C2V

### EE209CU-\*\*GT75

1.6/5.6 PLUG CRIMP TYPE



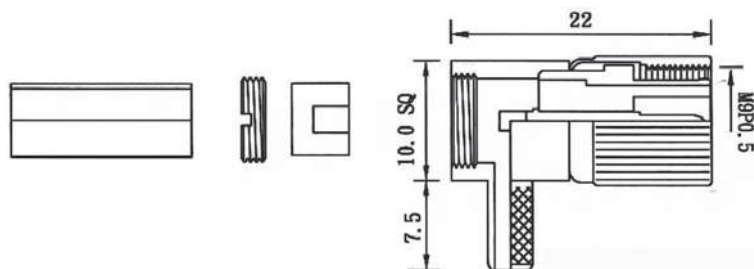
#### Applicable Cable

RG/58/59/6/174/179/316/1.5C2V/2.5C2V/3C2V/2YCCY

LMR195/200/240/FLEX2/3/5/BT3002/ST212/214/R122/155

### EE211CU-\*\*GT75

1.6/5.6 PLUG CRIMP  
RIGHT ANGLE TYPE



#### Applicable Cable

RG/58/59/6/174/179/316/1.5C2V/2.5C2V/3C2V/2YCCY

LMR195/200/240/FLEX2/3/5/BT3002/ST212/214/R122/155

## ORDERING INFORMATION:

P/N EE<sub>2</sub>xxx<sub>3</sub>CU - xx<sub>4</sub>GT<sub>5</sub>75<sub>8</sub>

2. CONNECTOR CODE:

EE209, EE234, EE211

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"L" RG174/U, RG316/U

"N" RG179/U, RG187/U

5. BODY FINISH:

"G" GOLD PLATED

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

"75" 75 OHMS

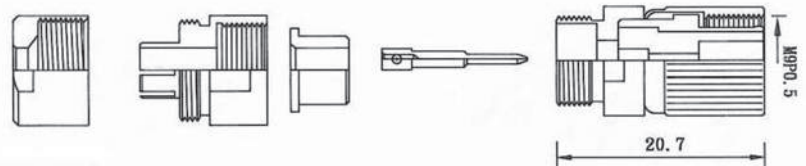
\*SEE PAGE H0002 FOR THE OTHERS!



## 1.6/5.6 COAXIAL PLUG CLAMP TYPE (1)

### EE217CU-\*\*GT75

1.6/5.6 PLUG CLAMP TYPE

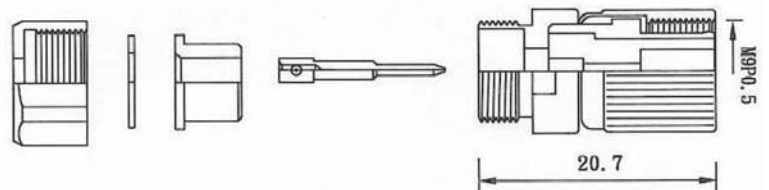


#### Applicable Cable

RG/58/59/6/174/179/316/1.5C2V/2.5C2V/3C2V/2YCCY
LMR195/200/240/FLEX2/3/5/BT3002/ST212/214/H122/155

### EE250CU-\*\*GT75

1.6/5.6 PLUG CLAMP TYPE  
(SHORT TYPE)



#### Applicable Cable

RG/58/59/6/174/179/316/1.5C2V/2.5C2V/3C2V/2YCCY
LMR195/200/240/FLEX2/3/5/BT3002/ST212/214/H122/155

## ORDERING INFORMATION:

P/N EE<sub>2</sub>xxx<sub>3</sub>CU - xx<sub>4</sub>GT<sub>5</sub>75<sub>8</sub>

2. CONNECTOR CODE:

EE217, EE250

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"L" RG174/U, RG316/U

"N" RG179/U, RG187/U

5. BODY FINISH:

"G" GOLD PLATED

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

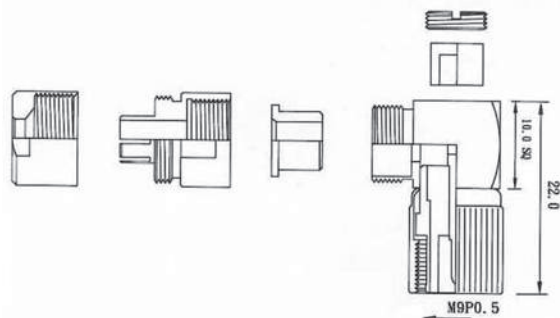
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## 1.6/5.6 COAXIAL PLUG CLAMP TYPE (2)

### EE201CU-\*\*GT75

1.6/5.6 PLUG CLAMP RIGHT  
ANGLE TYPE

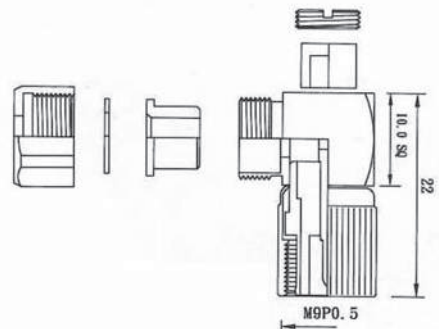


#### Applicable Cable

RG/58/59/6/174/179/316/1.5C2V/2.5C2V/3C2V/2YCCY  
LMR195/200/240/FLEX2/3/5/BT3002/ST212/214/H122/155

### EE248CU-\*\*GT75

1.6/5.6 PLUG CLAMP RIGHT  
ANGLE TYPE (SHORT TYPE)



#### Applicable Cable

RG/58/59/6/174/179/316/1.5C2V/2.5C2V/3C2V/2YCCY  
LMR195/200/240/FLEX2/3/5/BT3002/ST212/214/H122/155

## ORDERING INFORMATION:

P/N EE<sub>2</sub>xxx<sub>3</sub>CU - xx<sub>4</sub>GT<sub>5</sub>75<sub>8</sub>

2. CONNECTOR CODE:

EE201, EE248

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U  
"G" RG59/U, RG62/U  
"L" RG174/U, RG316/U  
"N" RG179/U, RG187/U

5. BODY FINISH:

"G" GOLD PLATED  
"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

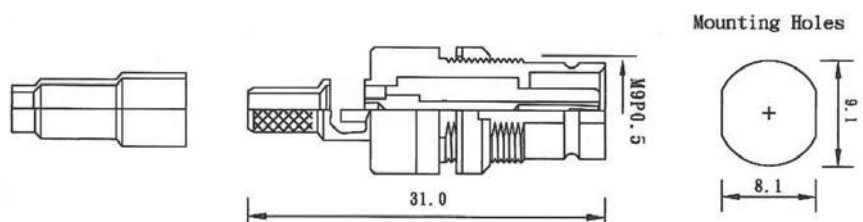
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## 1.6/5.6 COAXIAL JACK CRIMP TYPE (1)

### EE208CU-\*\*GT75

1.6/5.6 JACK SOLDER/CRIMP TYPE  
(WINDOW TYPE)

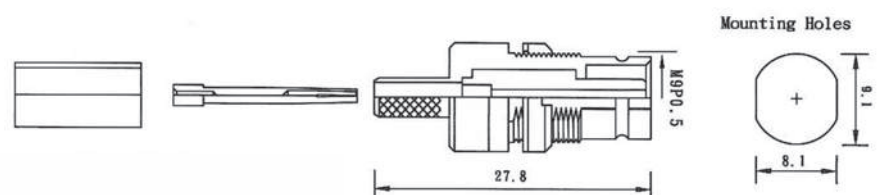


#### Applicable Cable

RG/316/178/179U/1.5C2V...

### EE232CU-\*\*GT75

1.6/5.6 JACK CRIMP/CRIMP TYPE



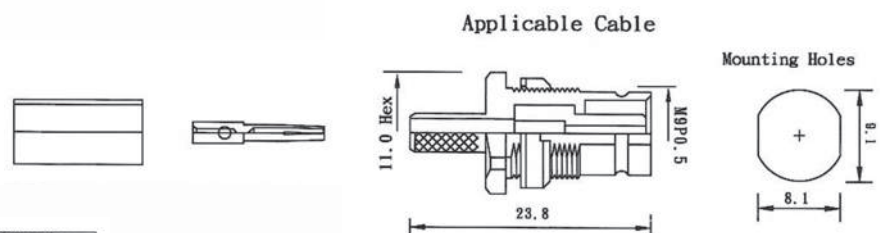
#### Applicable Cable

RG/58/59/6/174/179/316/1.5C2V/2.5C2V/3C2V/2YCCY

LMR195/200/240/FLEX2/3/5/BT3002/ST212/214/H122/155

### EE240CU-\*\*GT75

1.6/5.6 JACK CRIMP/CRIMP  
TYPE (HEX TYPE)



#### Applicable Cable

RG/58/59/6/174/179/316/1.5C2V/2.5C2V/3C2V/2YCCY

LMR195/200/240/FLEX2/3/5/BT3002/ST212/214/H122/155

## ORDERING INFORMATION:

P/N EE<sub>2</sub>xxx<sub>3</sub>CU<sub>4</sub> - xx<sub>5</sub>GT<sub>6</sub>75<sub>7 8</sub>

2. CONNECTOR CODE:

EE208, EE232, EE240

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"L" RG174/U, RG316/U

"N" RG179/U, RG187/U

5. BODY FINISH:

"G" GOLD PLATED

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

"75" 75 OHMS

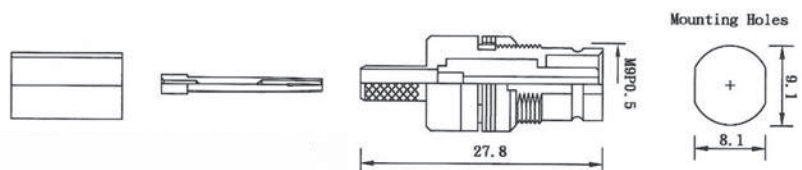
\*SEE PAGE H0002 FOR THE OTHERS!



## 1.6/5.6 COAXIAL JACK CRIMP TYPE (2)

### EE221CU-\*\*GT75

1.6/5.6 JACK CRIMP  
ISOLATED TYPE

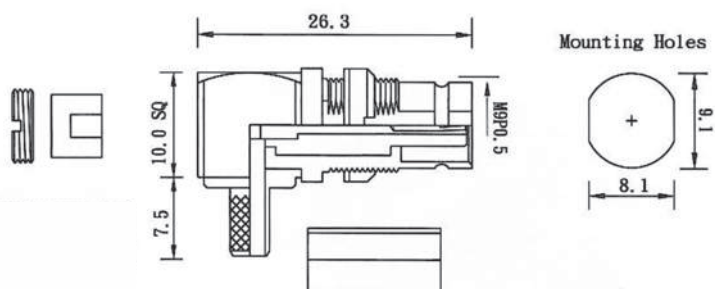


#### Applicable Cable

RG/58/59/6/174/179/316/1.5C2V/2.5C2V/3C2V/2YCCY  
LMR195/200/240/FLEX2/3/5/BT3002/ST212/214/H122/155

### EE210CU-\*\*GT75

1.6/5.6 JACK SOLDER/CRIMP RIGHT  
ANGLE TYPE

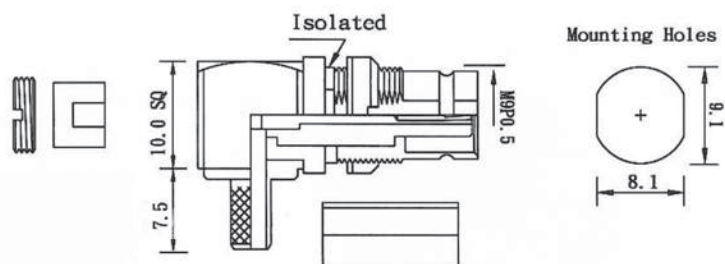


#### Applicable Cable

RG/58/59/6/174/179/316/1.5C2V/2.5C2V/3C2V/2YCCY  
LMR195/200/240/FLEX2/3/5/BT3002/ST212/214/H122/155

### EE222CU-\*\*GT75

1.6/5.6 JACK SOLDER/CRIMP  
R/A ISOLATED TYPE



#### Applicable Cable

RG/58/59/6/174/179/316/1.5C2V/2.5C2V/3C2V/2YCCY  
LMR195/200/240/FLEX2/3/5/BT3002/ST212/214/H122/155

## ORDERING INFORMATION:

P/N EE<sub>2</sub>xxx<sub>3</sub>CU<sub>3</sub> - xx<sub>4</sub>GT<sub>5</sub>75<sub>8</sub>

#### 2. CONNECTOR CODE:

EE221, EE210, EE222

#### 3. BODY MATERIAL:

"CU" BRASS

#### 4. CABLE GROUP CODE:

"F" RG58/U, RG141/U  
"G" RG59/U, RG62/U  
"L" RG174/U, RG316/U  
"N" RG179/U, RG187/U

#### 5. BODY FINISH:

"G" GOLD PLATED  
"N" NICKEL PLATED

#### 6. CENTER PIN FINISH:

"G" GOLD PLATED

#### 7. INSULATION:

"T" TEFLON

#### 8. IMPEDANCE:

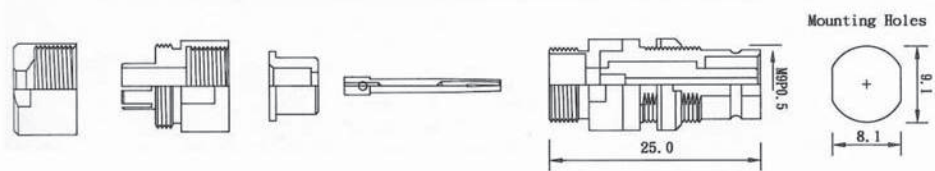
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## 1.6/5.6 COAXIAL JACK CLAMP TYPE

### EE216CU-\*\*GT75

1.6/5.6 JACK CLAMP TYPE

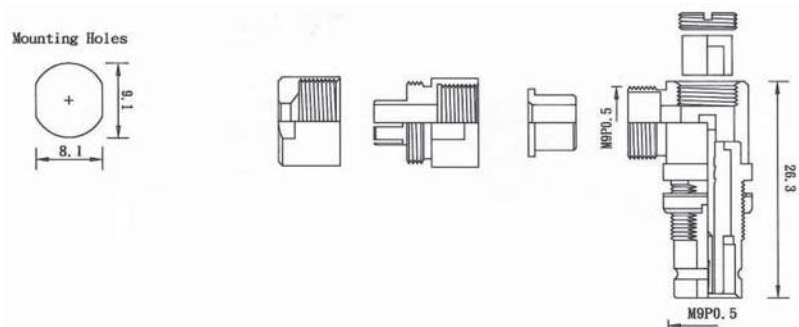


#### Applicable Cable

RG/58/59/6/174/179/316/1.5C2V/2.5C2V/3C2V/2YCCY
LMR195/200/240/FLEX2/3/5/BT3002/ST212/214/H122/155

### EE202CU-\*\*GT75

1.6/5.6 JACK CLAMP RIGHT ANGLE TYPE

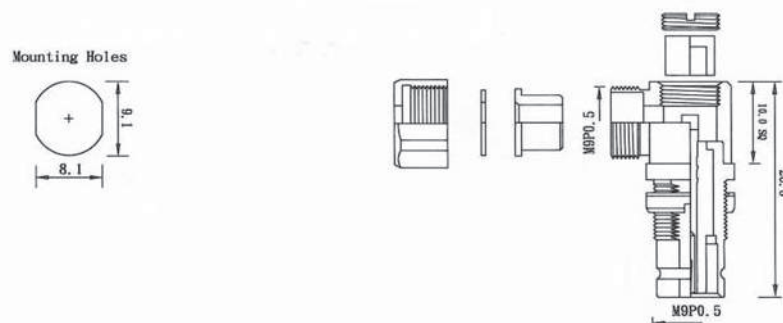


#### Applicable Cable

RG/58/59/6/174/179/316/1.5C2V/2.5C2V/3C2V/2YCCY
LMR195/200/240/FLEX2/3/5/BT3002/ST212/214/H122/155

### EE249CU-\*\*GT75

1.6/5.6 JACK CLAMP RIGHT ANGLE TYPE (SHORT TYPE)



#### Applicable Cable

RG/58/59/6/174/179/316/1.5C2V/2.5C2V/3C2V/2YCCY
LMR195/200/240/FLEX2/3/5/BT3002/ST212/214/H122/155

## ORDERING INFORMATION:

P/N EE<sub>2</sub>xxx<sub>3</sub>CU - xx<sub>4</sub>GT<sub>5</sub>75<sub>8</sub>

2. CONNECTOR CODE:

EE216, EE202, EE249

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"L" RG174/U, RG316/U

"N" RG179/U, RG187/U

5. BODY FINISH:

"G" GOLD PLATED

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

"75" 75 OHMS

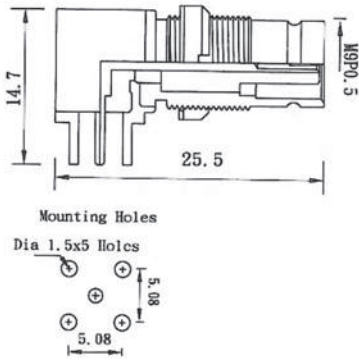
\*SEE PAGE H0002 FOR THE OTHERS!

## 1.6/5.6 COAXIAL JACK/PLUG PCB MOUNT TYPE

**EE224CU-XGGT75**

**EE224CU-XNGT75**

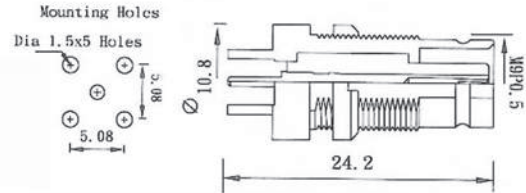
1.6/5.6 JACK RIGHT ANGLE  
PCB MOUNT TYPE



**EE225CU-XGGT75**

**EE225CU-XNGT75**

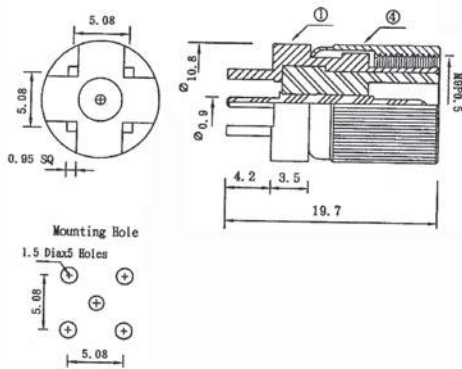
1.6/5.6 JACK PCB MOUNT TYPE



**EE246CU-XGGT75**

**EE246CU-XNGT75**

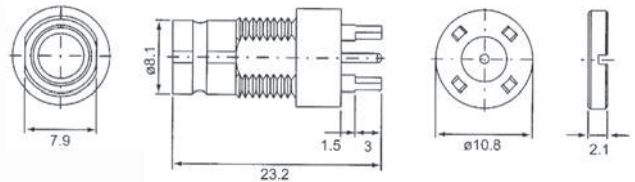
1.6/5.6 PLUG PCB MOUNT TYPE



**EE254CU-XGGT75**

**EE254CU-XNGT75**

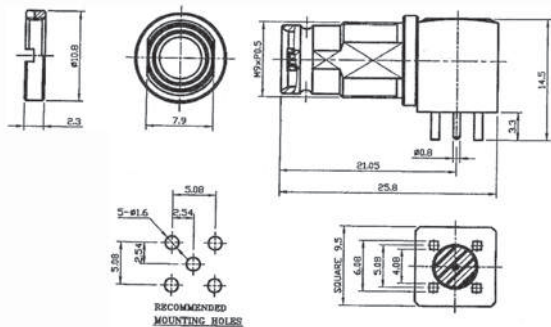
1.6/5.6 JACK PCB MOUNT TYPE



**EE244CU-XGGT75**

**EE244CU-XNGT75**

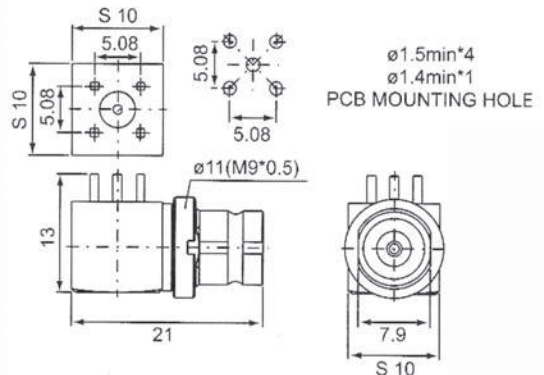
1.6/5.6 JACK RIGHT ANGLE  
PCB MOUNT TYPE



**EE255CU-XGGT75**

**EE255CU-XNGT75**

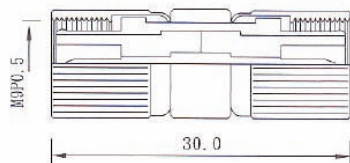
1.6/5.6 JACK RIGHT ANGLE  
PCB MOUNT TYPE



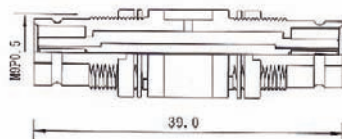


## 1.6/5.6 COAXIAL IN-SERIES ADAPTORS & SOLDER BULKHEAD JACK

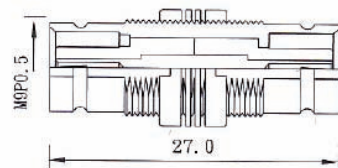
**EE218CU-XNGT75**  
1.6/5.6 DOUBLE MALE



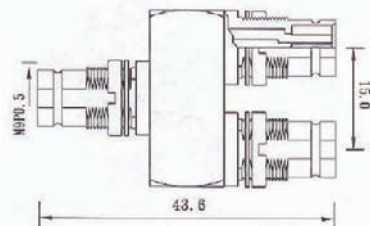
**EE220CU-XNGT75**  
1.6/5.6 DOUBLE FEMALE



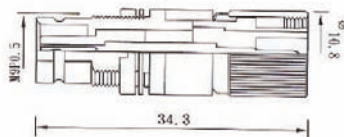
**EE253CU-XNGT75**  
1.6/5.6 DOUBLE FEMALE  
(SHORT TYPE)



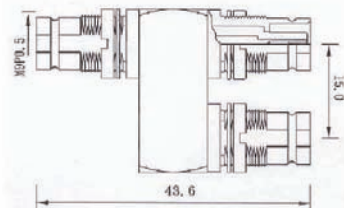
**EE247CU-XNGT75**  
1.6/5.6 TRIPLE FEMALE



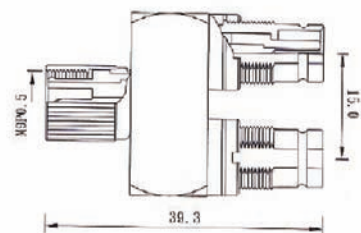
**EE252CU-XNGT75**  
1.6/5.6 MALE TO  
1.6/5.6 FEMALE



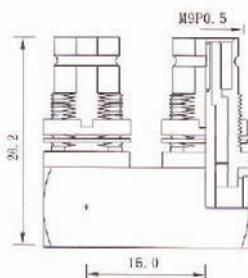
**EE207CU-XNGT75**  
1.6/5.6 TRIPLE FEMALE



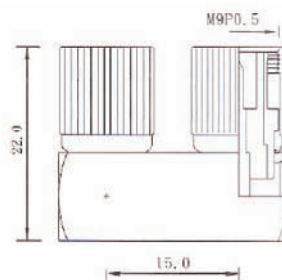
**EE251CU-XNGT75**  
1.6/5.6 MALE TO  
1.6/5.6 DOUBLE FEMALE



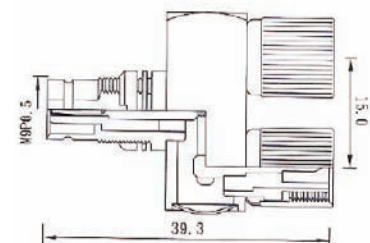
**EE223CU-XNGT75**  
1.6/5.6 DOUBLE FEMALE



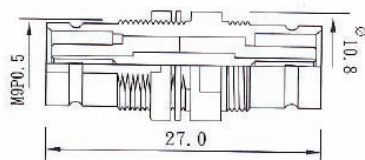
**EE213CU-XNGT75**  
1.6/5.6 DOUBLE MALE  
"U" LINK TYPE



**EE219CU-XNGT75**  
1.6/5.6 FEMALE TO  
1.6/5.6 DOUBLE MALE

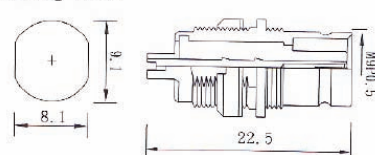


**EE226CU-XNGT75**  
1.6/5.6 DOUBLE FEMALE  
BULKHEAD TYPE



**EE206CU-XGGT75**  
**EE206CU-XNGT75**  
1.6/5.6 JACK SOLDER  
BULKHEAD TYPE

Mounting Holes



## BNC SERIES CONNECTORS & ADAPTORS

### 50 Ohm 0-4GHz/75 Ohm 0-1GHz

BNC coaxial connectors are miniature, light-weight and can operate satisfactorily up to 11GHz.

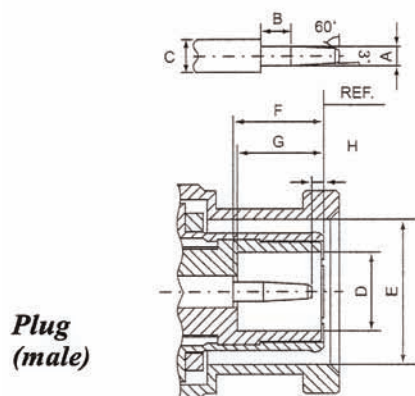
The connector is typically used in applications from DC to 4 GHz and yield low reflection in this frequency range.

They're one of the world's popular RF connectors.

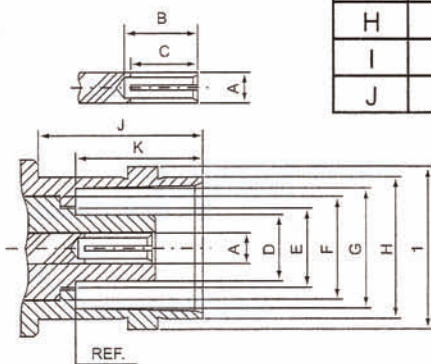
They are prevalent in computer networks, audio, video, data processing and telecommunications equipment because of their size and relatively low installed cost and cable terminations are available in crimp, clamp, solder and jacket quick twist configurations.

The two-stud bayonet lock coupling provides ease of connection and disconnection and is ideally suited for applications such as test equipment where this feature is notably significant.

### Interface Dimensions:



**Plug  
(male)**



**Jack  
(female)**

	Plug		Jack	
	min.	max.	min.	max.
A	1.32/.052	1.37/.054	2.06/.081	2.21/.087
B	1.98/.078	-	4.95/.195	-
C	2.06/.081	2.21/.087	4.70/.185	-
D	4.83/.190	-	-	4.72/.186
E	9.78/.385	9.91/.390	8.10/.319	8.15/.321
F	5.33/.210	5.84/.230	9.60/.378	9.70/.382
G	5.28/.208	5.79/.228	10.97/.432	11.07/.436
H	0.08/.003	-	10.52/.414	-
I	-	-	8.31/.327	8.51/.335
J	-	-	4.72/.186	5.23/.206

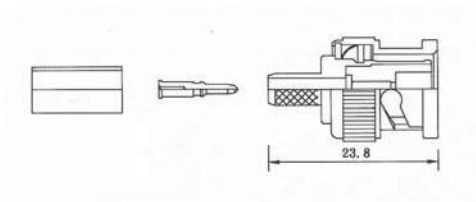
### Electrical:

Impedance	50 ohm	75ohm
Frequency Range	0 to 4.0 GHz	0 to 1GHz
VSWR	Straight: 1.3max ; Right angle: 1.35max	
Insertion Loss	0.2dB max @ 3GHz	

## BNC PLUG CRIMP TYPE (1)

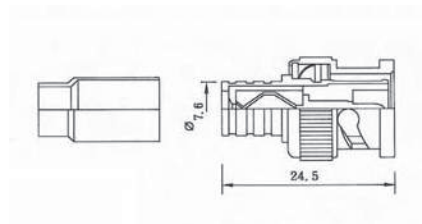
### B106\*\*-\*NG\*\*\*

BNC PLUG CRIMP TYPE  
 B106CU-F\*\*\*50 (UG-1785/U)  
 B106CU-G\*\*\*75 (UG-1789/U)



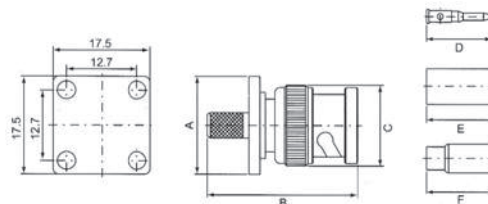
### B112\*\*-\*NG\*\*\*

BNC PLUG QUICK CRIMP TYPE  
 CABLE GROUP: A, F, G



### B273CU-X\*NG\*\*\*

BNC PLUG CRIMP PANEL TYPE



## ORDERING INFORMATION:

P/N B xxx C U - x N G xxx

2      3      4 5 6 7 8

2. CONNECTOR CODE:

B106, B112, B273

3. BODY MATERIAL:

"CU" BRASS

"ZN" ZINC

"DC" DIE CAST (FOR B106 ONLY)

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"L" RG174/U, RG316/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

"V6" RG316/U DOUBLE BRAID (50Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

"75" 75 OHMS

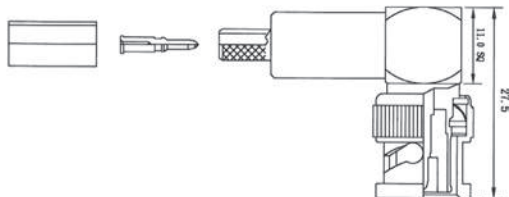
\*SEE PAGE H0002 FOR THE OTHERS!



## BNC PLUG CRIMP TYPE (2)

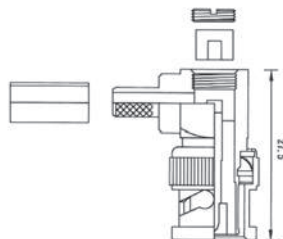
### B113CU-\*NG\*\*\*

BNC PLUG CRIMP/CRIMP  
RIGHT ANGLE TYPE  
B113CU-F\*\*\*50 (UG-1802/U)  
B113CU-G\*\*\*75 (UG-1801/U)



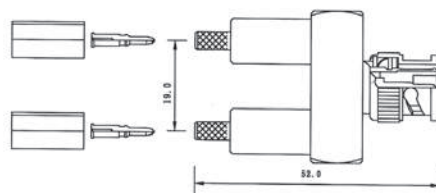
### B432CU-\*NG\*\*\*

BNC PLUG SOLDER/CRIMP  
RIGHT ANGLE TYPE



### B277CU-\*NG\*\*\*

BNC PLUG CRIMP STRAIGHT Y  
TYPE



## ORDERING INFORMATION:

P/N  $\frac{B}{2} \frac{xxx}{3} CU - \frac{x}{4} \frac{NG}{5} \frac{xxx}{6} \frac{xxx}{7} \frac{xxx}{8}$

#### 2. CONNECTOR CODE:

B113, B432, B277

#### 3. BODY MATERIAL:

"CU" BRASS

#### 4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"L" RG174/U, RG316/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

"V6" RG316/U DOUBLE BRAID (50Ω)

#### 5. BODY FINISH:

"N" NICKEL PLATED

#### 6. CENTER PIN FINISH:

"G" GOLD PLATED

#### 7. INSULATION:

"D" DELRIN

"T" TEFLON

#### 8. IMPEDANCE:

"50" 50 OHMS

"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## BNC PLUG CLAMP TYPE (1)

### B101\*\*-\*NG\*\*\*

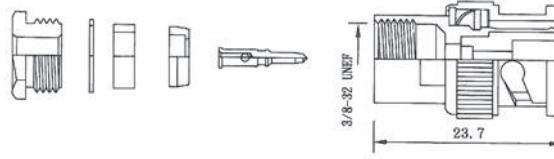
BNC PLUG CLAMP TYPE

B101CU-F\*\*\*50 (UG\_88/U)

B101CU-G\*\*\*75 (UG-260/U) \*CABLE

GROUP: F, G, L, N

\*ZINC OR BRASS SHELL

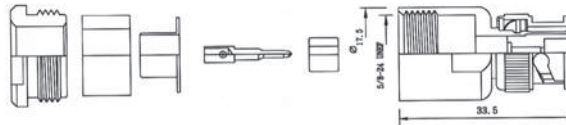


### B102CU-\*NG\*\*\*

BNC PLUG CLAMP TYPE

B102CU-B\*\*\*50 (UG-959/U)

\*CABLE GROUP: B, C, D



## ORDERING INFORMATION:

P/N  $\frac{B}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{NG}{6} \frac{xxx}{7} \frac{xxx}{8}$

2. CONNECTOR CODE:

B101, B102

3. BODY MATERIAL:

"CU" BRASS

"ZN" ZINC SHELL

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"L" RG174/U, RG316/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

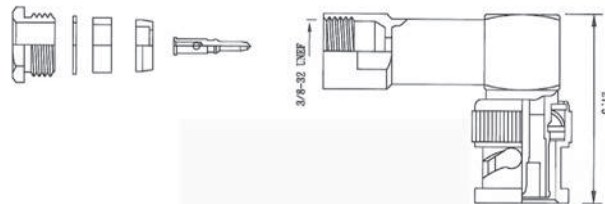
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## BNC PLUG CLAMP TYPE (2)

### B144CU-\*NG\*\*\*

BNC PLUG CLAMP  
RIGHT ANGLE TYPE  
B144CU-F\*\*\*50 (UG-913/U)



### B145CU-\*NG\*\*\*

BNC PLUG SOLDER/CLAMP RIGHT  
ANGLE SHORT TYPE



## ORDERING INFORMATION:

P/N  $\frac{B}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{NG}{6} \frac{xxx}{7} \frac{xxx}{8}$

2. CONNECTOR CODE:

B144, B145

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"L" RG174/U, RG316/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

\*SEE PAGE H0002 FOR THE OTHERS!

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

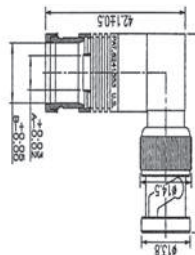
"75" 75 OHMS



## BNC PLUG COMPRESSION TYPE

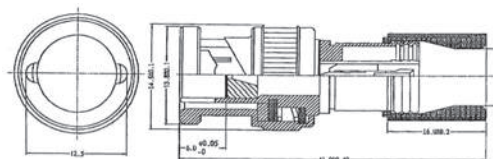
**B892CU-ANGD75\* (RG6/U)**  
**B892CU-GNGD75\* (RG59/U)**  
 BNC PLUG RIGHT ANGLE COMPRESSION  
 TYPE \*= B, R, N, U, W, Y

HAND CRIMPING TOOL: **P/N HT-H510B**



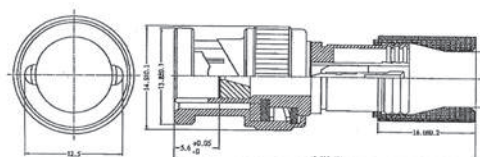
**B891CU-GNGD75R**  
 BNC PLUG COMPRESSION TYPE  
 FOR RG59/U CABLE RED CODED

HAND CRIMPING TOOL: **P/N HT-H510B**



**B891CU-ANGD75U**  
 BNC PLUG COMPRESSION TYPE  
 FOR RG 6/U CABLE BLUE CODED

HAND CRIMPING TOOL: **P/N HT-H510B**



### ORDERING INFORMATION:

P/N  $\frac{B}{2} \frac{xxx}{3} \frac{CU}{3} - \frac{x}{4} \frac{N}{5} \frac{G}{6} \frac{xxx}{7} \frac{xxx}{8} \frac{x}{9}$

2. CONNECTOR CODE:

B892, B891

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"A" RG6/U

"G" RG59/U, RG62/U

"U6" RG6/U QUAD

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

8. IMPEDANCE:

"75" 75 OHMS

9. COLOR CODED:

"B" BLACK

"R" RED

"N" GREEN

"U" BLUE

"W" WHITE

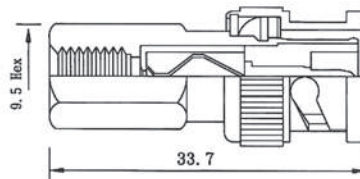
"Y" YELLOW

\*SEE PAGE H0002 FOR THE OTHERS!

## BNC PLUG/JACK TWIST ON TYPE & MOLDED TYPE

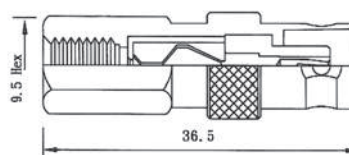
### B107CU-\*NG\*\*\*

BNC PLUG TWIST ON TYPE  
ZINC & BRASS SHELL



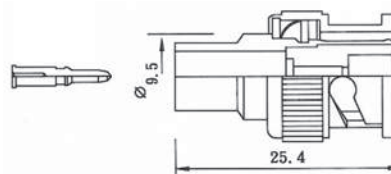
### B120CU-\*NG\*\*\*

BNC JACK TWIST ON TYPE  
BRASS SHELL ONLY



### B147\*\*-\*NG\*\*\*

BNC PLUG MOLDED/CRIMP  
TYPE ZINC & BRASS SHELL



## ORDERING INFORMATION:

P/N BxxxCU - xNGxxx

2 3 4 5 6 7 8

2. CONNECTOR CODE:

B107, B120, B147

3. BODY MATERIAL:

"CU" BRASS

"ZN" ZINC SHELL

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"A" RG6/U (75Ω)

"L" RG174/U, RG316/U (50Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

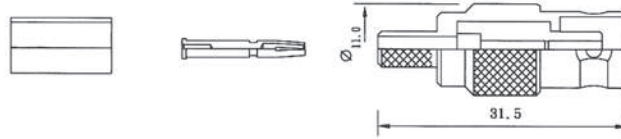
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## BNC JACK CRIMP TYPE (1)

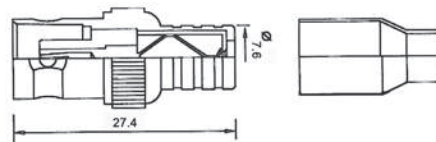
### B146CU-\*NG\*\*\*

BNC JACK CRIMP TYPE  
 B146CU-F\*\*\*50 (UG-1794/U)  
 B146CU-G\*\*\*75 (UG-1798/U)



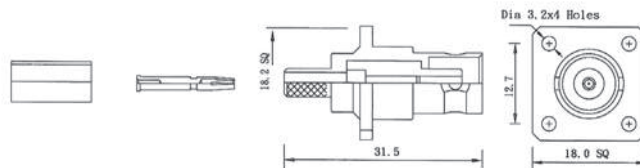
### B266CU-\*NG\*\*\*

BNC JACK QUICK CRIMP TYPE



### B119CU-\*NG\*\*\*

BNC JACK PANEL RECEPTACLE  
 CRIMP TYPE  
 B119CU-F\*\*\*50 (UG-1802/U)  
 B119CU-G\*\*\*75 (UG-1801/U)



## ORDERING INFORMATION:

P/N  $\frac{B}{2} \frac{xxx}{3} C U - \frac{x}{4} \frac{N}{5} \frac{G}{6} \frac{xxx}{7} \frac{8}{8}$

2. CONNECTOR CODE:

B146, B266, B119

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"L" RG174/U, RG316/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

\*SEE PAGE H0002 FOR THE OTHERS!

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

"75" 75 OHMS

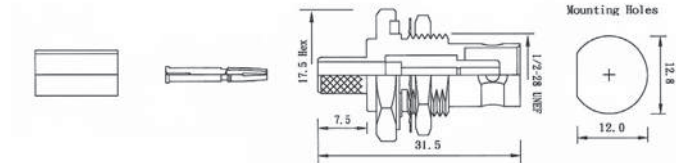
## BNC JACK CRIMP TYPE (2)

### B118CU-\*NG\*\*\*

BNC JACK BULKHEAD CRIMP TYPE

B118CU-F\*\*\*50 (UG-1804/U)

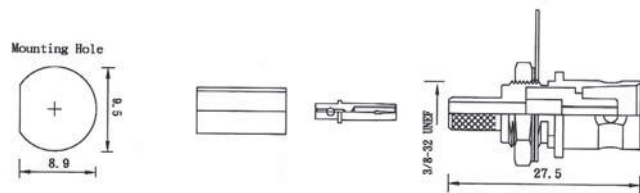
B118CU-G\*\*\*75 (UG-1807/U)



### B360CU-\*NG\*\*\*

BNC JACK REAR MOUNT

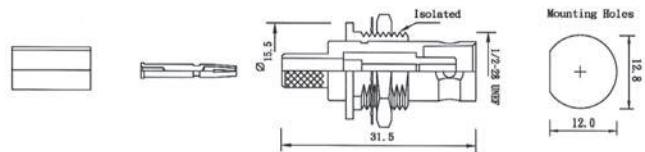
BULKHEAD CRIMP TYPE



### B284CU-\*NG\*\*\*

BNC JACK ISOLATED

BULKHEAD CRIMP TYPE



## ORDERING INFORMATION:

P/N  $\frac{B}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{NG}{6} \frac{xxx}{7} \frac{8}{8}$

#### 2. CONNECTOR CODE:

B118, B360, B284

#### 3. BODY MATERIAL:

"CU" BRASS

#### 4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"L" RG174/U, RG316/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

"V6" RG316/U DOUBLE BRAID (50Ω)

#### 5. BODY FINISH:

"N" NICKEL PLATED

#### 6. CENTER PIN FINISH:

"G" GOLD PLATED

#### 7. INSULATION:

"D" DELRIN

"T" TEFLON

#### 8. IMPEDANCE:

"50" 50 OHMS

"75" 75 OHMS

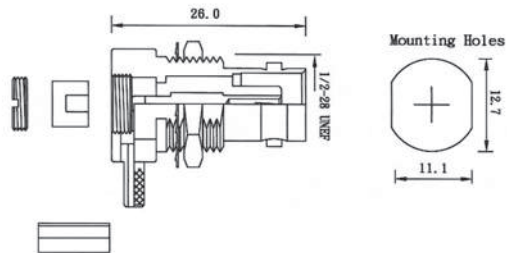
\*SEE PAGE H0002 FOR THE OTHERS!



## BNC JACK CRIMP TYPE (3)

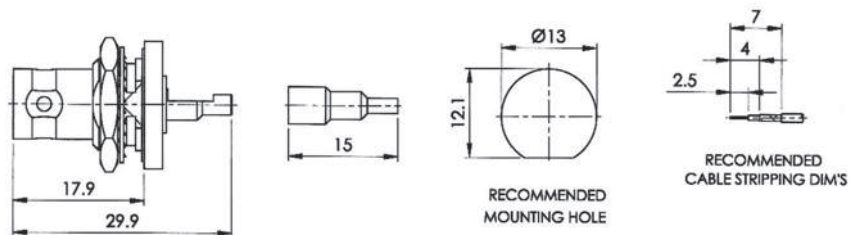
### B448CU-\*NGT\*\*

BNC JACK RIGHT ANGLE BULKHEAD  
CRIMP TYPE TEFLON INSULATION



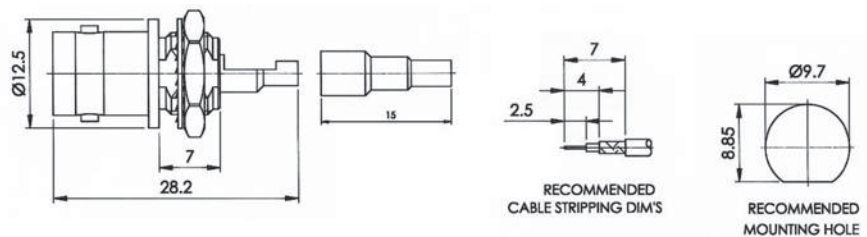
### B118CU-13NG\*50

BNC JACK FRONT MOUNT  
BULKHEAD CRIMP TYPE FOR  
1.13MM, 1.32MM & 1.5MM CABLE



### B360CU-13NG\*50

BNC JACK REAR MOUNT  
BULKHEAD CRIMP TYPE  
FOR 1.13MM, 1.32MM  
& 1.5MM CABLE



## ORDERING INFORMATION:

P/N  $\frac{B}{2} \frac{xxx}{3} \frac{CU}{3} - \frac{x}{4} \frac{NG}{5} \frac{T}{6} \frac{xx}{78}$

2. CONNECTOR CODE:

B448, B118, B360

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"L" RG174/U, RG316/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

"13" 1.13MM~1.5MM CABLE (50Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

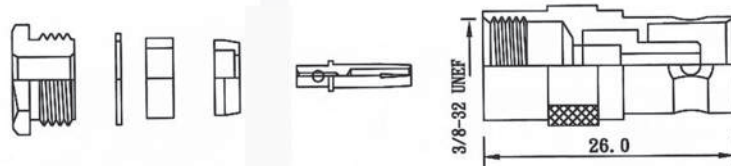
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## BNC JACK CLAMP TYPE

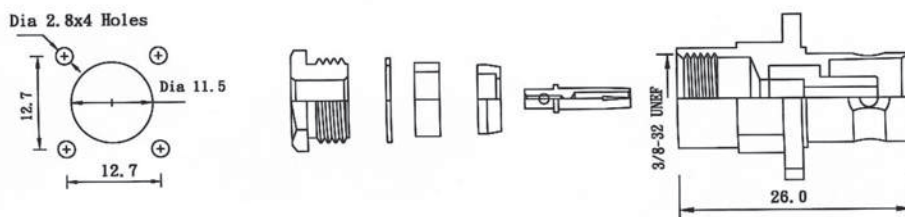
### B103CU-\*NG\*\*\*

BNC JACK CLAMP TYPE  
 B103CU-F\*\*\*50 (UG-89/U)  
 B103CU-G\*\*\*75 (UG-161/U)



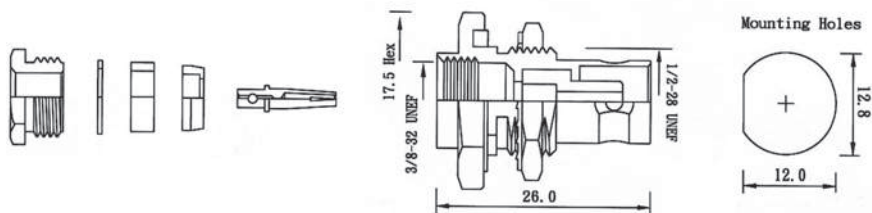
### B104CU-\*NG\*\*\*

BNC JACK CLAMP PANEL  
 MOUN TYPE



### B105CU-\*NG\*\*\*

BNC JACK CLAMP  
 BULKHEAD TYPE  
 B105CU-F\*\*\*50 (UG-909/U)  
 B105CU-G\*\*\*75 (UG-910B/U)



## ORDERING INFORMATION:

P/N  $\frac{B}{2} \frac{xxx}{3} C U - \frac{x}{4} \frac{N}{5} \frac{G}{6} \frac{xxx}{7} \frac{x}{8}$

2. CONNECTOR CODE:

B103, B104, B105

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"L" RG174/U, RG316/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

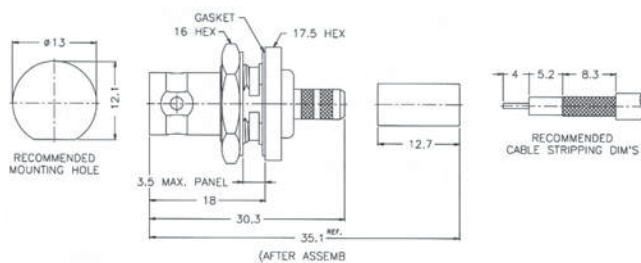
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## BNC JACK CRIMP TYPE & ADAPTORS

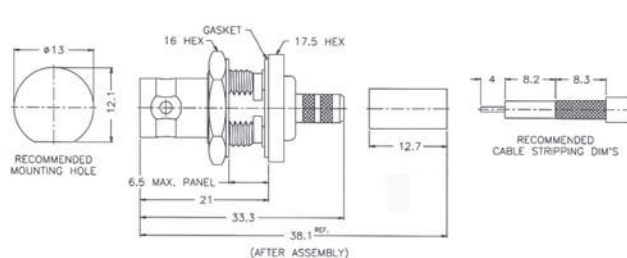
**B9B1CU-FNG\*50** RG58U, 141U  
**B9B1CU-GNG\*75** RG59U, 140U  
**B9B1CU-62NG\*75** RG62A/U

BNC BULKHEAD CRIMP JACK FOR 3.5MM MAX. PANEL  
 \*=D: DELRIN INSULATION (NON-CAPTURED)  
 \*=T: TEFLON INSULATION (CAPTURED)



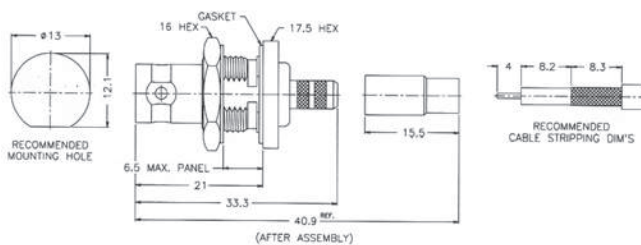
**B9B2CU-FNG\*50** RG58U, 141U  
**B9B2CU-GNG\*75** RG59U, 140U  
**B9B2CU-62NG\*75** RG62 A/U

BNC BULKHEAD CRIMP JACK FOR 6.5MM MAX. PANEL  
 \*=D: DELRIN INSULATION (NON-CAPTURED)  
 \*=T: TEFLON INSULATION (CAPTURED)



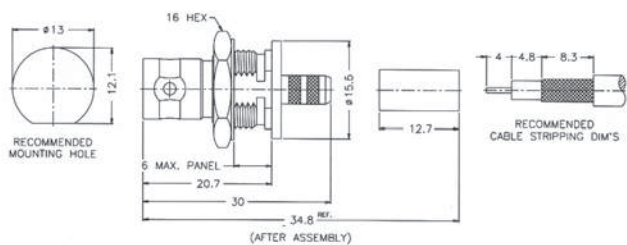
**B9B5CU-LNGD50** RG174U, 316U  
**B9B5CU-NNGD75** RG179U

BNC BULKHEAD CRIMP JACK WITH NON CAPTIVE CONTACT FOR 3.5MM MAX. PANEL



**B9B7CU-FNG\*50** RG58U, 141U  
**B9B7CU-GNG\*75** RG59U, 140U  
**B9B7CU-62NG\*75** RG62A/U

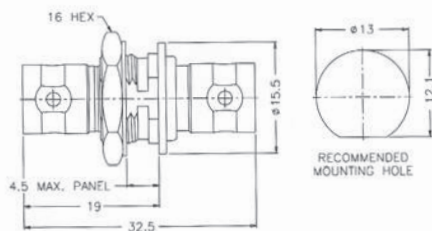
BNC BULKHEAD ISOLATED CRIMP JACK FOR 6.0MM MAX. PANEL  
 \*=D: DELRIN INSULATION (NON-CAPTURED)  
 \*=T: TEFLON INSULATION (CAPTURED)



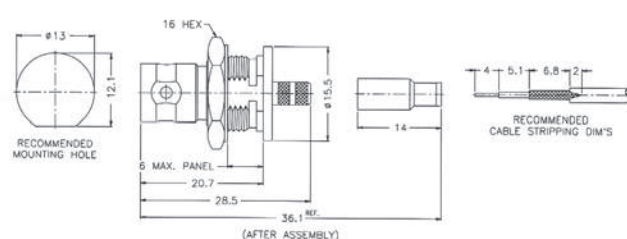
**B9R3CU-XNGD\*\***  
 BNC DOUBLE FEMALE BULKHEAD ISOLATED ADAPTOR FOR 4.5MM MAX. PANEL

**B9R4CU-XNGD\*\***  
 DITTO, BUT FOR 3.2MM MAX. PANEL

**B9R5CU-XNGD\*\***  
 DITTO, BUT FOR 5.5MM MAX. PANEL  
 \*\*= 50 & 75 (OHMS)

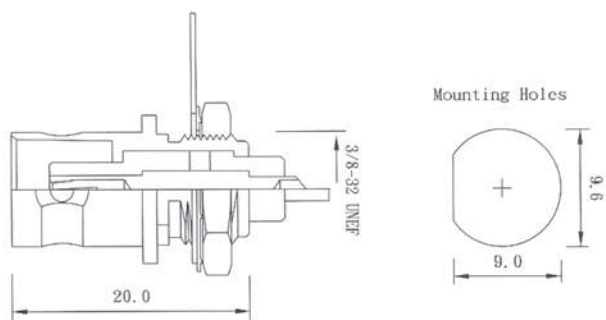


**B9B9CU-LNGD50** RG174U, 316U  
**B9B9CU-NNGD75** RG179U  
 BNC BULKHEAD ISOLATED CRIMP JACK FOR 6.0MM MAX. PANEL

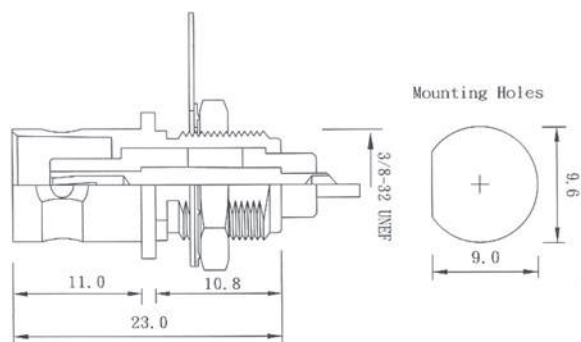


## BNC JACK SOLDER BULKHEAD TYPE (1)

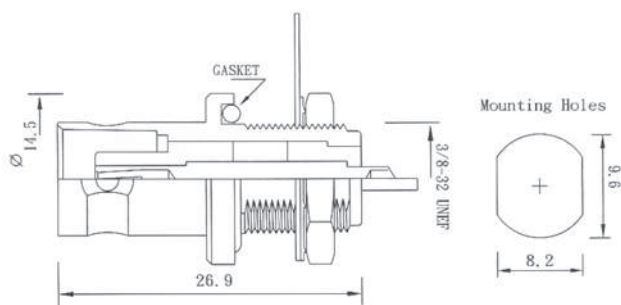
**B123CU-XNGD50** (DELTRIN INSULATION)  
**B123CU-XNGD75** (DELTRIN INSULATION)  
**B123CU-XNGT50** (TEFLON INSULATION)  
**B123CU-XNGT75** (TEFLON INSULATION)  
 BNC JACK SOLDER BULKHEAD TYPE (UG-1094/U)



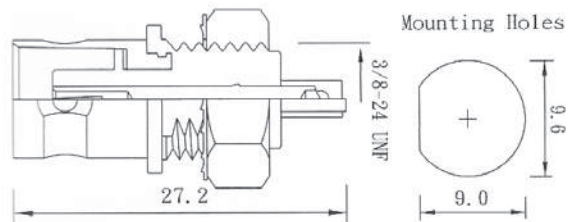
**B267CU-XNGD50** (DELTRIN INSULATION)  
**B267CU-XNGD75** (DELTRIN INSULATION)  
**B267CU-XNGT50** (TEFLON INSULATION)  
**B267CU-XNGT75** (TEFLON INSULATION)  
 BNC JACK SOLDER BULKHEAD TYPE WITH LONG  
 THREAD



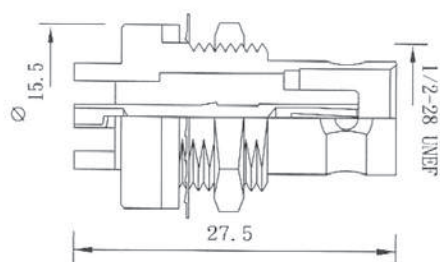
**B511CU-XNGD50** (DELTRIN INSULATION)  
**B511CU-XNGD75** (DELTRIN INSULATION)  
**B511CU-XNGT50** (TEFLON INSULATION)  
**B511CU-XNGT75** (TEFLON INSULATION)  
 BNC JACK SOLDER BULKHEAD TYPE WITH LONG  
 THREAD & "O" RING



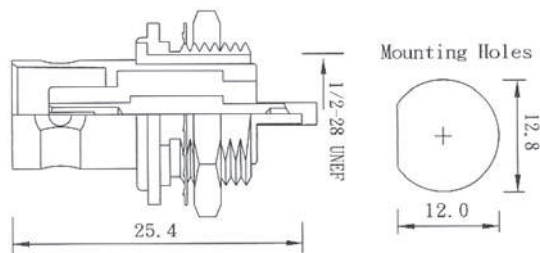
**B151CU-XNGD50**  
**B151CU-XNGD75**  
 BNC JACK BULKHEAD ISOLATED TYPE



**B522CU-XNGT50**  
**B522CU-XNGT75**  
 BNC JACK SOLDER BULKHEAD TYPE WITH  
 30 MICROINCH GOLD PLATED CONTACTS



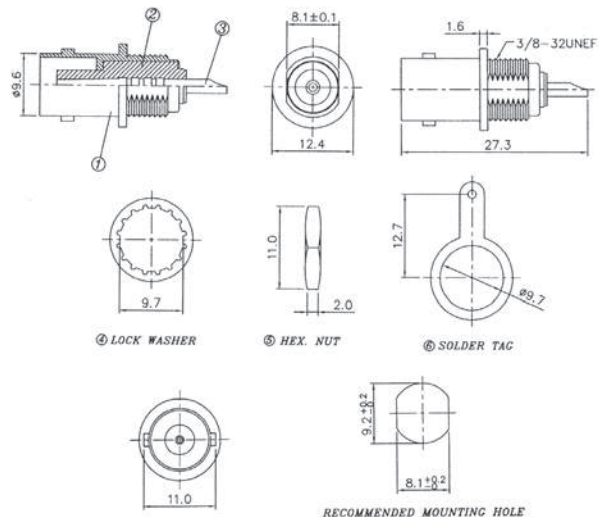
**B363CU-XNGT50**  
**B363CU-XNGT75**  
 BNC JACK ISOLATED SOLDER BULKHEAD  
 TYPE WITH METAL THREAD TEFLON INSULATION



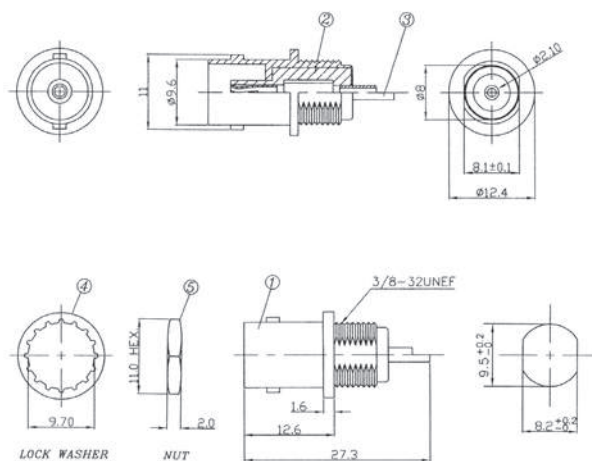


## BNC JACK SOLDER BULKHEAD TYPE (2)

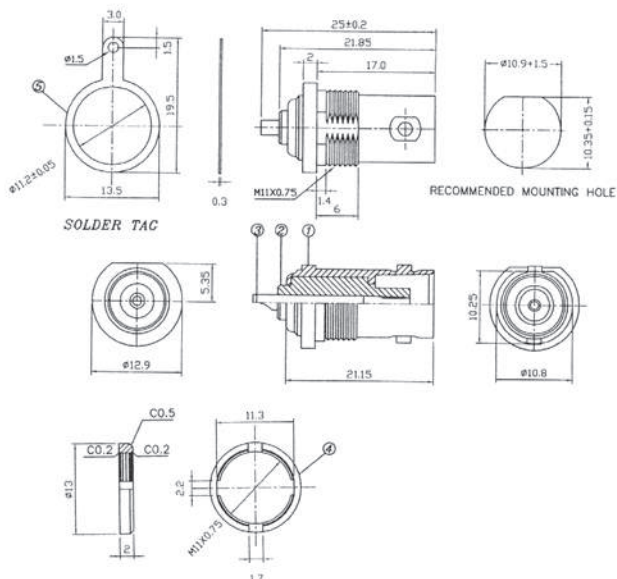
**B329ZN-XNGD50**  
**B329ZN-XNGD75**  
 BNC RECEPTACLE JACK FRONT  
 MOUNT BULKHEAD TYPE



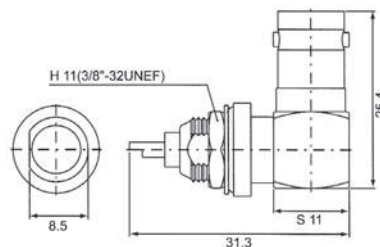
**B428ZN-XNGD50**  
**B428ZN-XNGD75**  
 BNC RECEPTACLE JACK FRONT  
 MOUNT BULKHEAD TYPE



**B336ZN-XNGD50**  
**B336ZN-XNGD75**  
 BNC RECEPTACLE REAR MOUNT  
 BULKHEAD TYPE

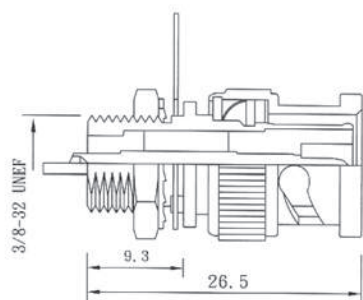


**B374CU-XNGD50**  
**B374CU-XNGD75**  
 BNC JACK RIGHT ANGLE SOLDER  
 BULKHEAD TYPE

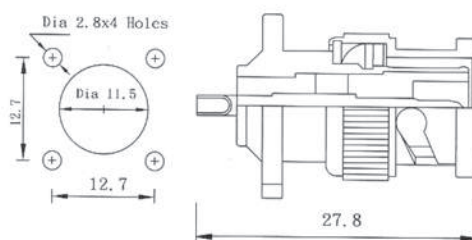


## BNC PLUG/JACK SOLDER BULKHEAD & PANEL MOUNT TYPE

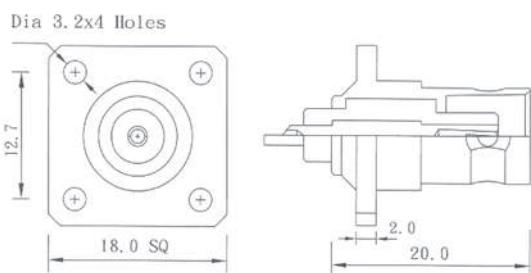
**B328CU-XNGD50**  
**B328CU-XNGD75**  
 BNC PLUG SOLDER BULKHEAD TYPE



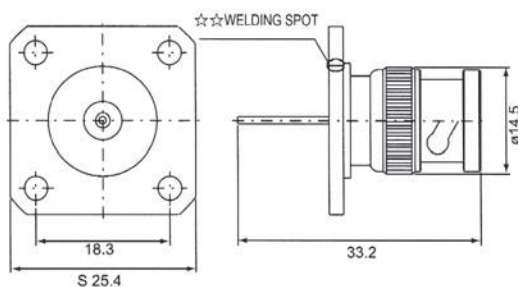
**B153CU-XNGD50** (DELTRIN INSULATION)  
**B153CU-XNGD75** (DELTRIN INSULATION)  
**B153CU-XNGT50** (TEFLON INSULATION)  
**B153CU-XNGT75** (TEFLON INSULATION)  
 BNC PLUG SOLDER PANEL MOUNT TYPE



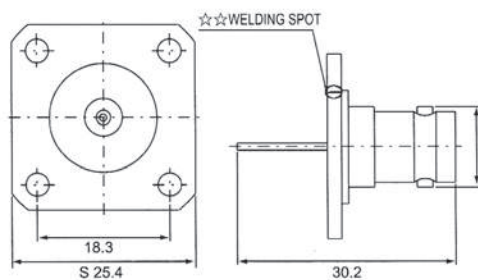
**B122CU-XNGD50** (DELTRIN INSULATION)  
**B122CU-XNGD75** (DELTRIN INSULATION)  
**B122CU-XNGT50** (TEFLON INSULATION)  
**B122CU-XNGT75** (TEFLON INSULATION)  
 BNC JACK SOLDER PANEL MOUNT TYPE (UG-290/U)



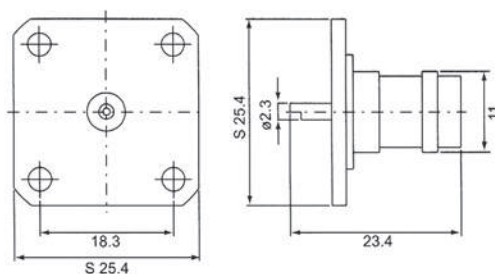
**B471CU-XNGD50**  
**B471CU-XNGD75**  
 BNC PLUG SCREW-ON PANEL MOUNT TYPE



**B473CU-XNGD50**  
**B473CU-XNGD75**  
 BNC JACK SOLDER PANEL MOUNT TYPE

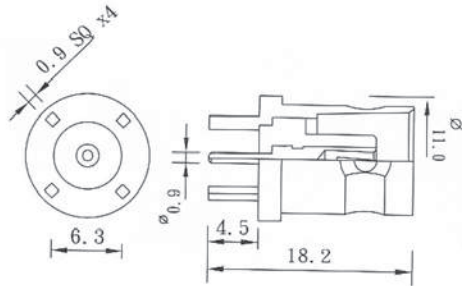


**B472CU-XNGD50**  
**B472CU-XNGD75**  
 BNC JACK SOLDER PANEL MOUNT TYPE

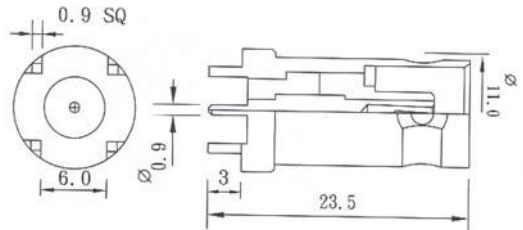


## BNC JACK STRAIGHT PCB MOUNT TYPE (1)

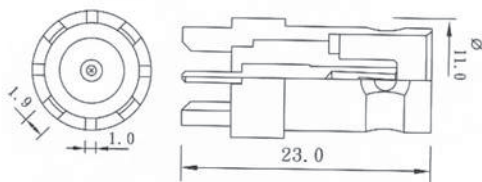
**B179CU-XNGD\*\*** (L=18.2MM)  
**B179ZN-XNGD\*\*** (L=18.2MM)  
**B537CU-XNGT\*\*** (L=19.7MM)  
**B538CU-XNGT\*\*** (L=21.1MM)  
 BNC JACK PCB MOUNT TYPE  
 \*\*= 50 & 75 (OHMS)



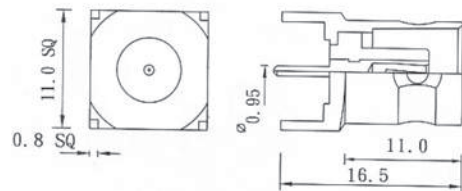
**B519CU-XNGD\*\*** (L=23.5MM)  
**B535CU-XNGD\*\*** (L=26.0MM)  
**B536CU-XNGD\*\*** (L=32.5MM)  
 BNC JACK PCB MOUNT TYPE  
 \*\*= 50 & 75 (OHMS)



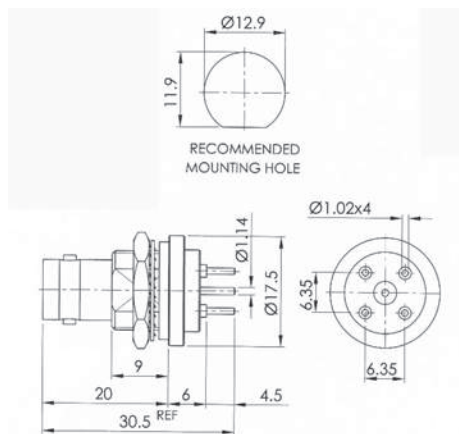
**B520CU-XNGD50**  
**B520CU-XNGD75**  
 BNC JACK PCB MOUNT TYPE



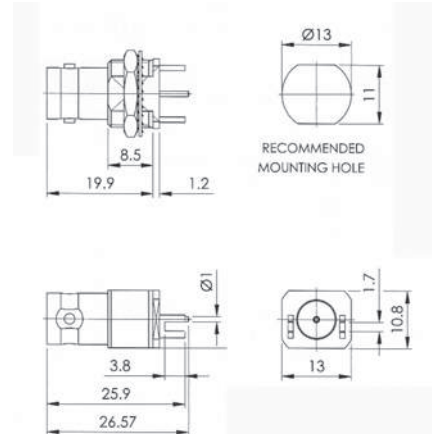
**B450CU-XNGD50** (L=16.5MM)  
**B450CU-XNGD75** (L=16.5MM)  
**B515CU-XNGD50** (L=29.5MM)  
**B515CU-XNGD75** (L=29.5MM)  
 BNC JACK PCB MOUNT TYPE



**B207CU-XNGD50**  
 BNC JACK BULKHEAD PCB MOUNT TYPE

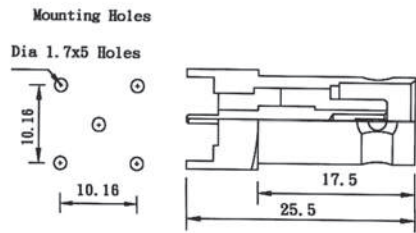


**B208CU-XNGD75**  
 BNC JACK SMT END LAUNCH TYPE

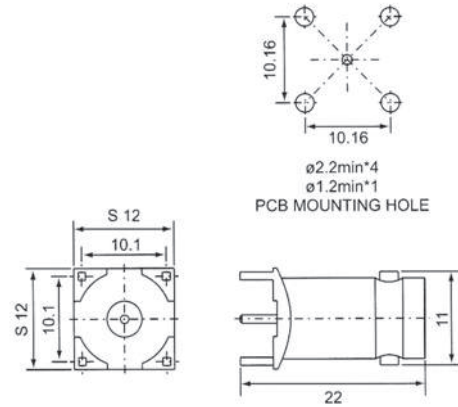


## BNC JACK STRAIGHT PCB MOUNT TYPE (2)

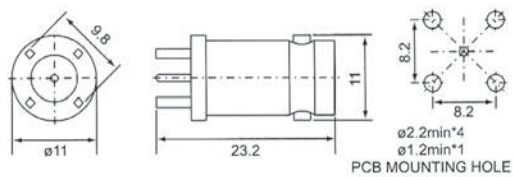
**B364CU-XNGD50** (L=25.5MM)  
**B364CU-XNGD75** (L=25.5MM)  
**B514CU-XNGD50** (L=28.0MM)  
**B514CU-XNGD75** (L=28.0MM)  
 BNC JACK PCB MOUNT TYPE



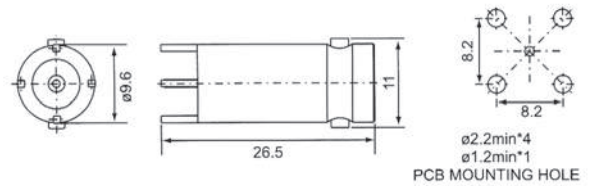
**B527CU-XNGD50**  
**B527CU-XNGD75**  
 BNC JACK PCB MOUNT TYPE



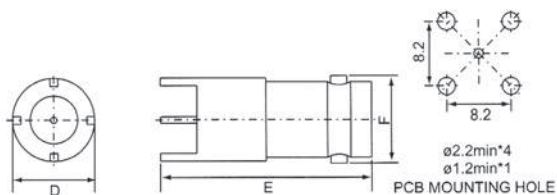
**B528CU-XNGD50**  
**B528CU-XNGD75**  
 BNC JACK PCB MOUNT TYPE



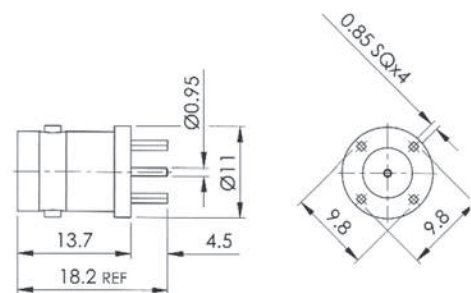
**B529CU-XNGD50**  
**B529CU-XNGD75**  
 BNC JACK PCB MOUNT TYPE



**B513CU-XNGD50**  
**B513CU-XNGD75**  
 BNC JACK PCB MOUNT TYPE  
 D= 10.5MM  
 E= 27.0MM  
 F= 11.0MM



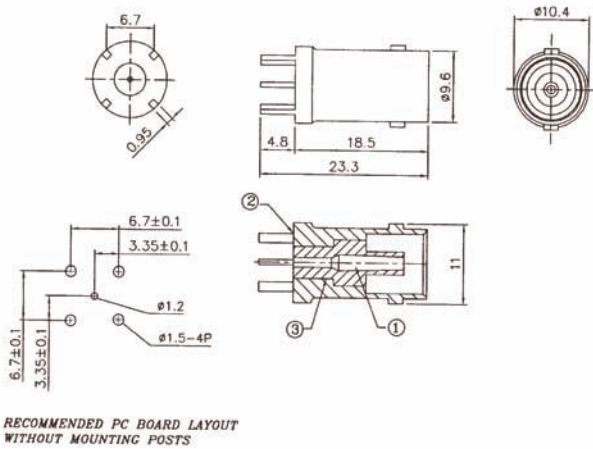
**B206CU-XNGD50**  
**B206CU-XNGD75**  
 BNC JACK PCB MOUNT TYPE



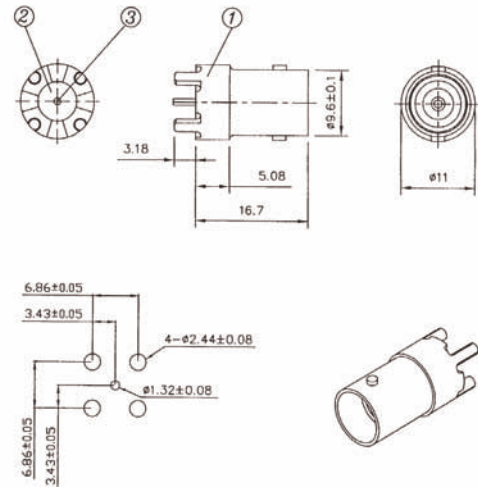


## BNC JACK STRAIGHT PCB MOUNT TYPE (3)

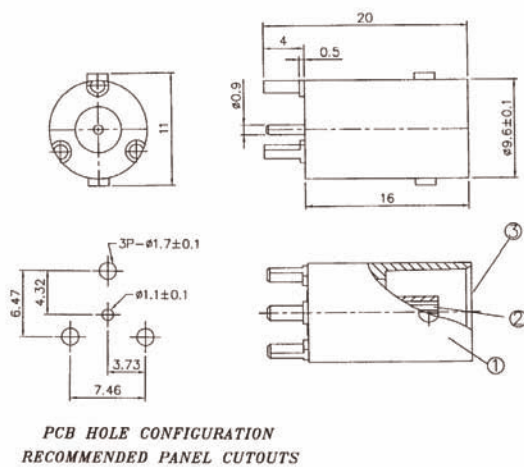
**B454ZN-XNGD50**  
**B454ZN-XNGD75**  
 BNC STRAIGHT PCB MOUNT JACK



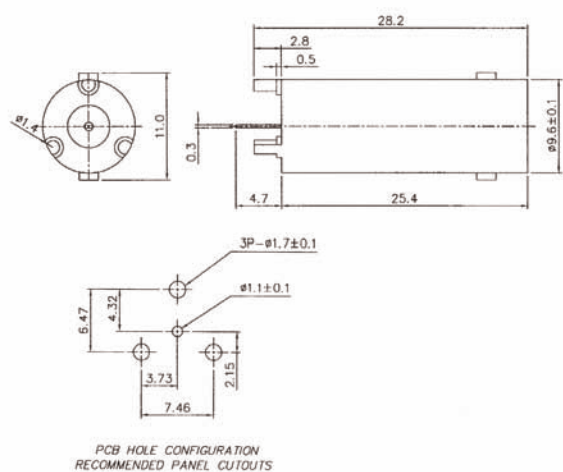
**B357ZN-XNGD50**  
**B357ZN-XNGD75**  
 BNC STRAIGHT PCB MOUNT JACK



**B407ZN-XNGD50**  
**B407ZN-XNGD75**  
 BNC STRAIGHT PCB MOUNT JACK



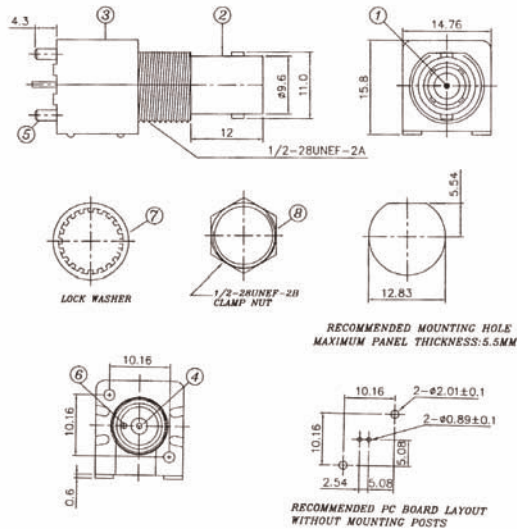
**B453ZN-XNGD50**  
**B453ZN-XNGD75**  
 BNC STRAIGHT PCB MOUNT JACK METAL BODY  
 LENGTH=28.2MM



## BNC JACK STRAIGHT PCB MOUNT TYPE (4)

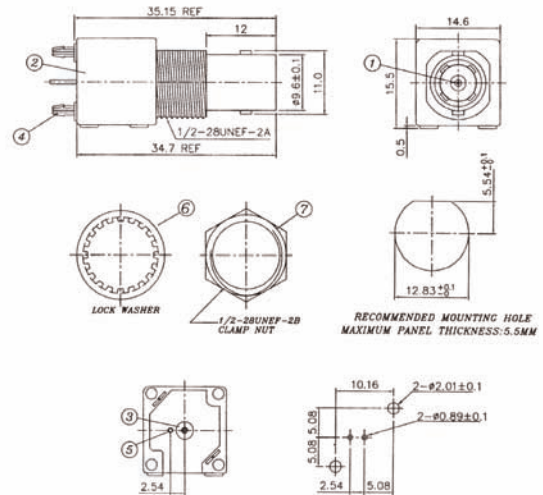
### B317ZN-XNGH50B B317ZN-XNGH50W B317ZN-XNGH75B B317ZN-XNGH75W

BNC STRAIGHT PCB MOUNT JACK ISOLATED TYPE WITH NUT & WASHER & 2 ROUND POSTS, HEIGHT=15.8MM B=BLACK, W=WHITE



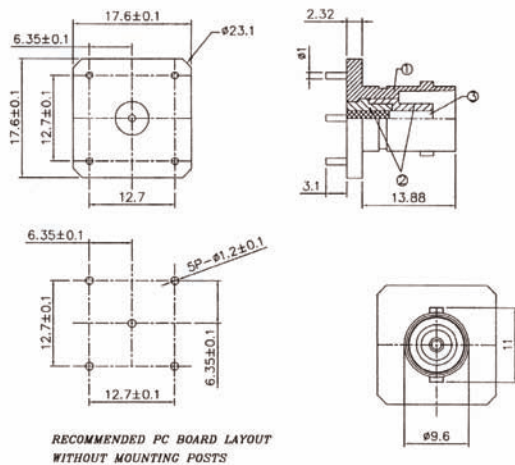
### B460ZN-XNGH50 B460ZN-XNGH75

BNC STRAIGHT PCB MOUNT JACK METAL BODY WITH NUT & WASHER & 2 HARPOON GROUNDING BRACKETS

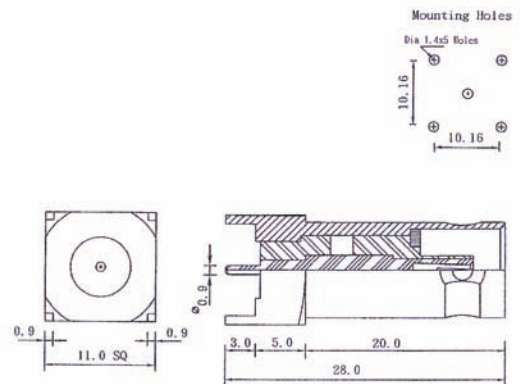


### B416ZN-XNGD50 B416ZN-XNGD75

BNC STRAIGHT PCB MOUNT JACK



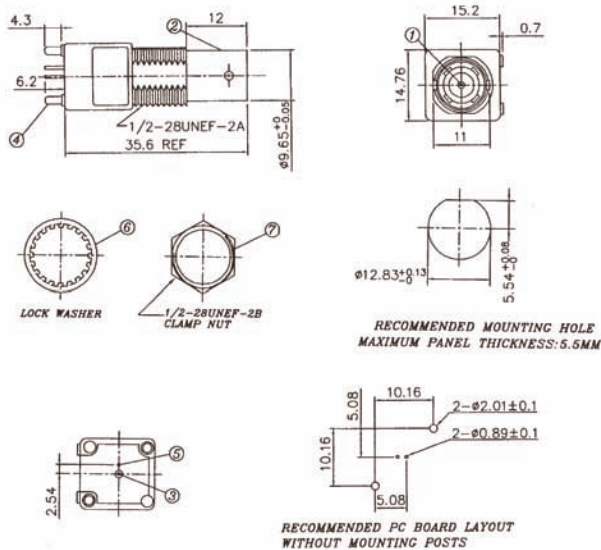
**B514CU-XNGD50** (DELTRIN INSULATION)  
**B514CU-XNGD75** (DELTRIN INSULATION)  
**B514CU-XNGT50** (TEFLON INSULATION)  
**B514CU-XNGT75** (TEFLON INSULATION)  
BNC STRAIGHT PCB MOUNT JACK



## BNC JACK STRAIGHT PCB MOUNT TYPE (5)

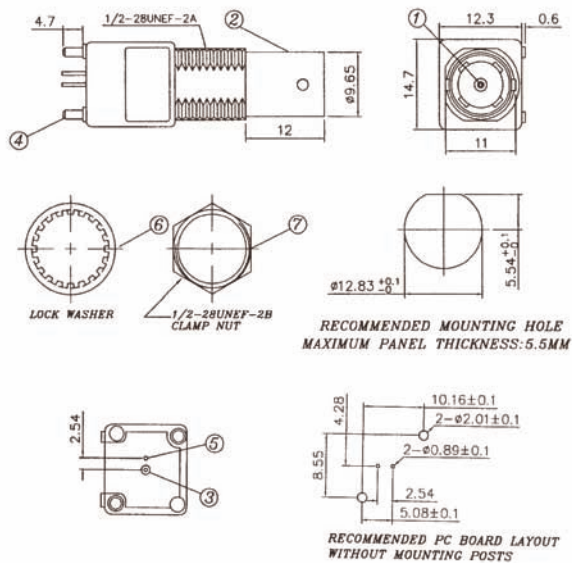
### B319ZN-XNGH50 B319ZN-XNGH75

BNC STRAIGHT PCB MOUNT JACK METAL BODY WITH NUT & WASHER & 2 ROUND POSTS



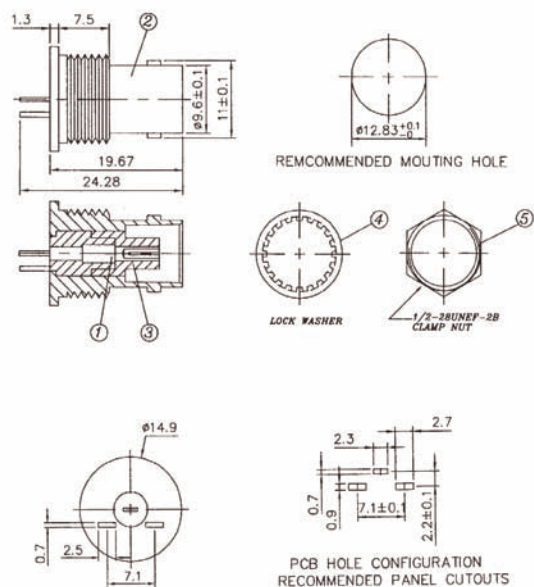
### B349ZN-XNGH50 B349ZN-XNGH75

BNC STRAIGHT PCB MOUNT JACK METAL BODY WITH NUT & WASHER & 2 ROUND POSTS



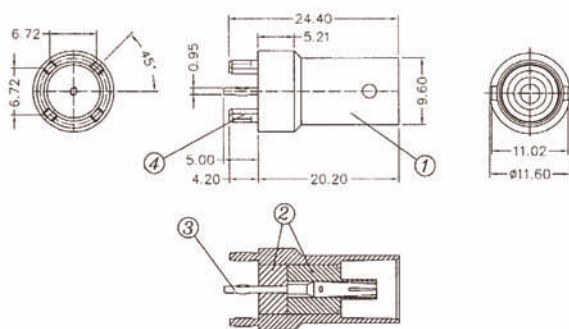
### B406ZN-XNGD50 N406ZN-XNGD75

BNC BULKHEAD JACK REAR MOUNT TYPE WITH NUT & WASHER, LENGTH=24.28MM



### B462ZN-XNGD50 B462ZN-XNGD75

BNC STRAIGHT PCB MOUNT JACK LENGTH=20.2MM

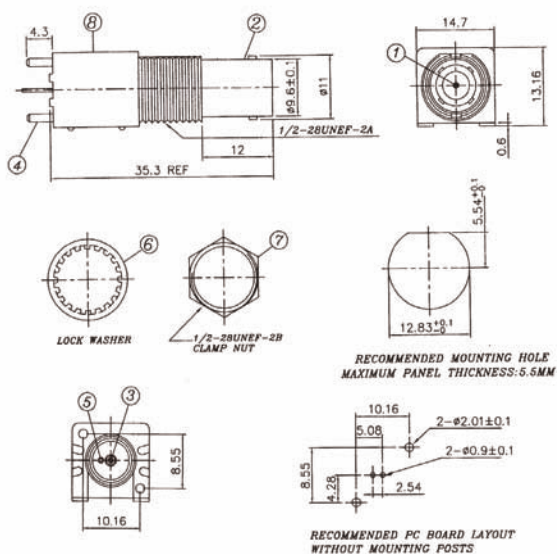


#### MATERIAL & PLATING

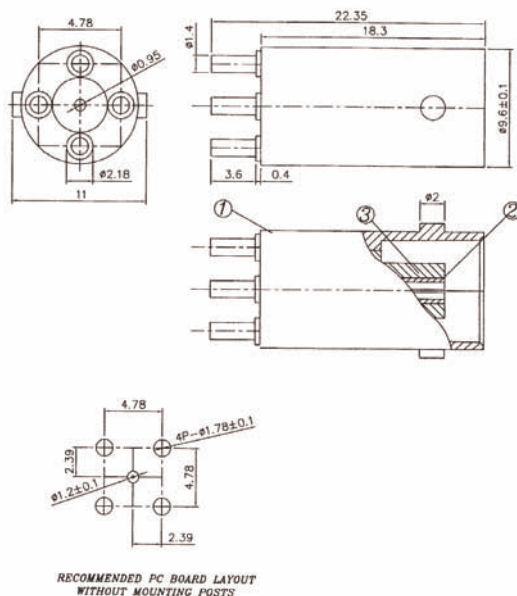
- ① BODY : ZINC ALLOY , NICKEL PLATED
- ② INSULATOR : TPX
- ③ CENTER CONTACT : PHOSPHOR BRONZE , GOLD PLATED
- ④ LEGS : BRASS , TIN PLATED

## BNC JACK STRAIGHT PCB MOUNT TYPE (6)

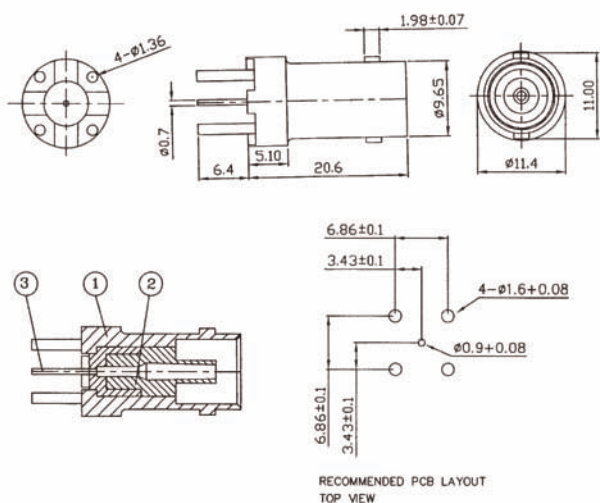
**B318ZN-XNGH\*\*B** (BLACK)  
**B318ZN-XNGH\*\*W** (WHITE)  
 BNC STRAIGHT PCB MOUNT JACK ISOLATED  
 BODY WITH NUT & WASHER & 2 ROUND POSTS,  
 HEIGHT=13.16MM \*\*=50 & 75 OHMS



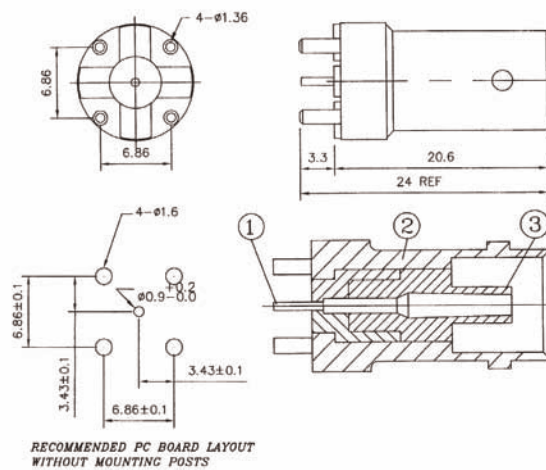
**B415ZN-XNGD50**  
**B415ZN-XNGD75**  
 BNC STRAIGHT PCB MOUNT JACK



**B359ZN-XNGD50**  
**B359ZN-XNGD75**  
 BNC STRAIGHT PCB MOUNT JACK



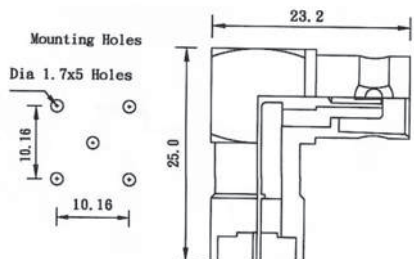
**B358ZN-XNGD50**  
**B358ZN-XNGD75**  
 BNC STRAIGHT PCB MOUNT JACK



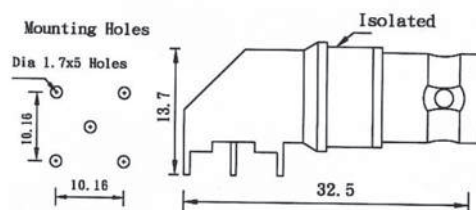


## BNC JACK RIGHT ANGLE PCB MOUNT TYPE (1)

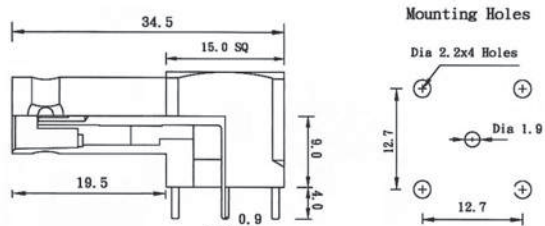
**B365CU-XNGD50** (L=25.0MM)  
**B365CU-XNGD75** (L=25.0MM)  
**B517CU-XNGD50** (L=19.0MM)  
**B517CU-XNGD75** (L=19.0MM)  
 BNC JACK RIGHT ANGLE PCB MOUNT TYPE



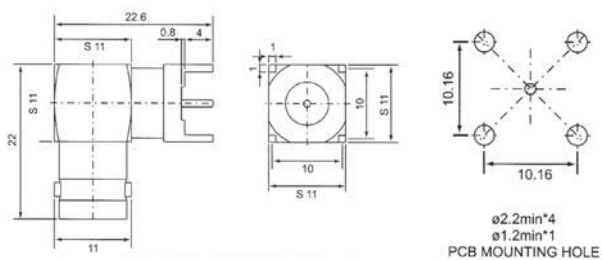
**B447CU-XNGD50**  
**B447CU-XNGD75**  
 BNC JACK ISOLATED R/A PCB MOUNT TYPE



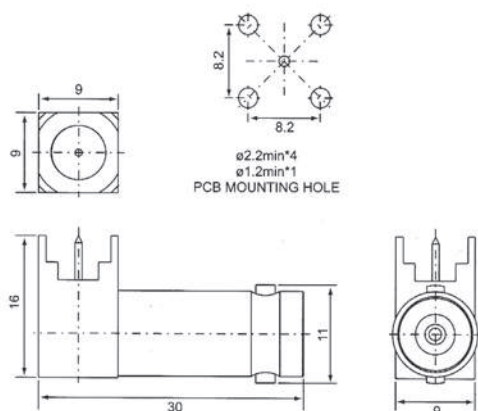
**B518CU-XNGT50**  
**B518CU-XNGT75**  
 BNC JACK RIGHT ANGLE PCB MOUNT TYPE TEFLON INSULATION



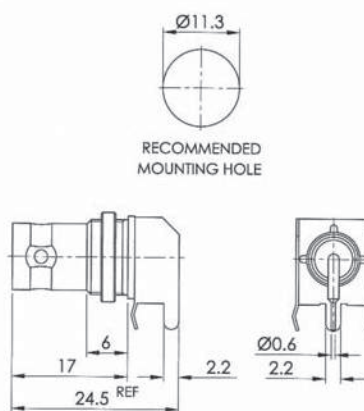
**B525CU-XNGD50**  
**B525CU-XNGD75**  
 BNC JACK RIGHT ANGLE PCB MOUNT TYPE



**B526CU-XNGD50**  
**B526CU-XNGD75**  
 BNC RIGHT ANGLE PCB MOUNT JACK



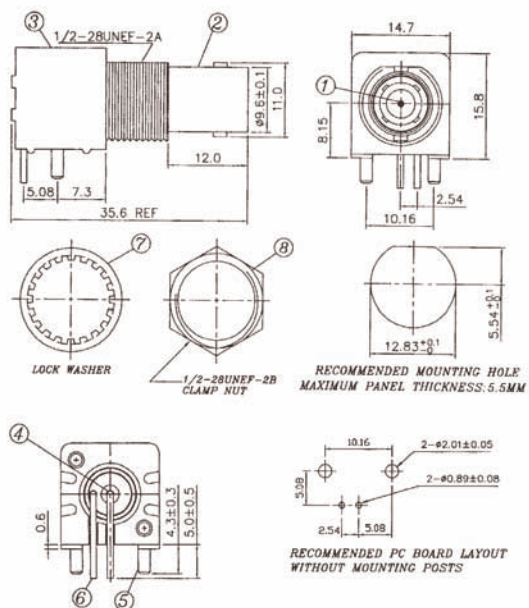
**B373CU-XNGD75**  
 BNC JACK RIGHT ANGLE CHASSIS PCB MOUNT TYPE



## BNC JACK RIGHT ANGLE PCB MOUNT TYPE (2)

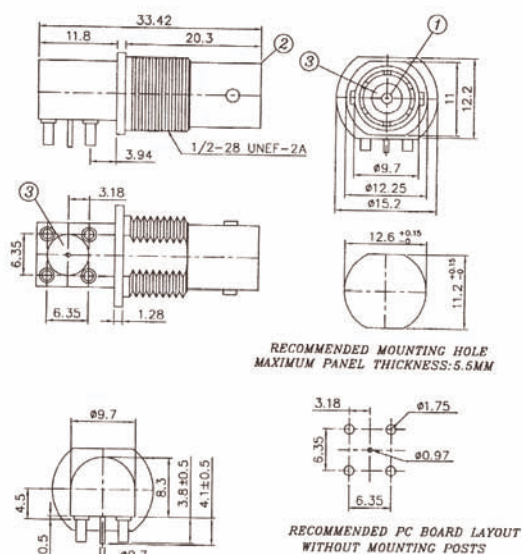
### B311ZN-XNGH50B B311ZN-XNGH50W B311ZN-XNGH75B B311ZN-XNGH75W

BNC RIGHT ANGLE PCB MOUNT JACK ISOLATED TYPE WITH NUT & WASHER & 2 ROUND POSTS, HEIGHT=15.8MM B=BLACK W=WHITE



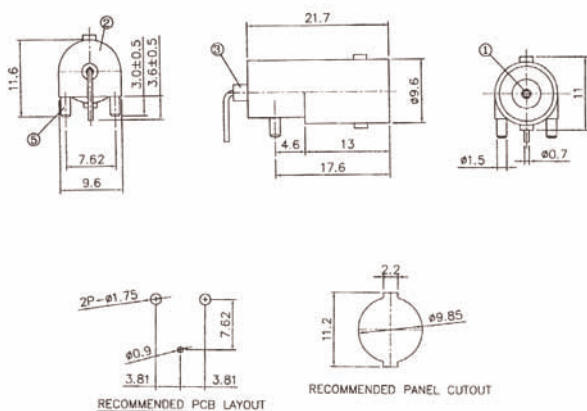
### B348ZN-XNGH50 B348ZN-XNGH75

BNC RIGHT ANGLE PCB MOUNT JACK METAL BODY WITH NUT & WASHER & 4 ROUND POSTS, LENGTH=33.42MM



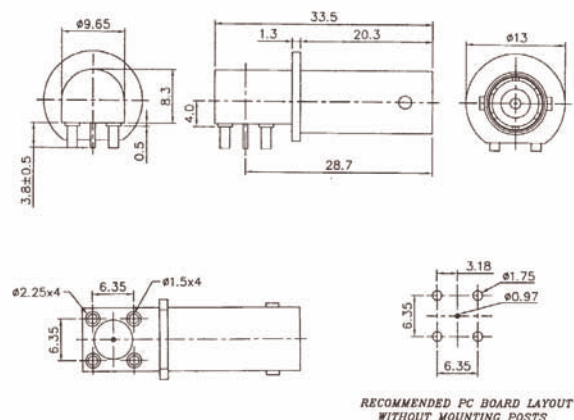
### B355ZN-XNGH50 B355ZN-XNGH75

BNC RIGHT ANGLE PCB MOUNT JACK MINI TYPE WITH METAL BODY



### B129ZN-XNGT50 B129ZN-XNGT75

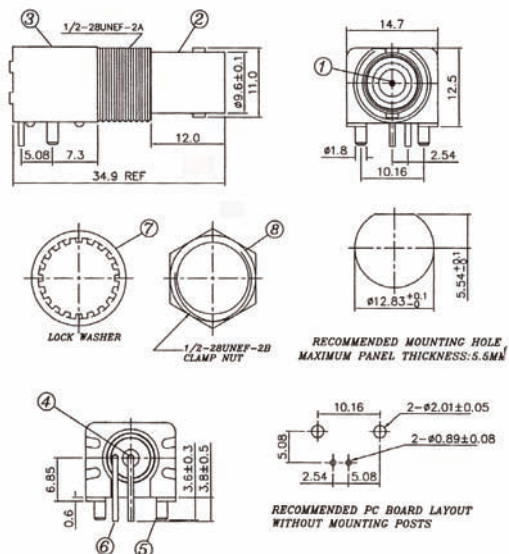
BNC RIGHT ANGLE PCB MOUNT JACK LENGTH=33.5MM, TEFLON INSULATION



## BNC JACK RIGHT ANGLE PCB MOUNT TYPE (3)

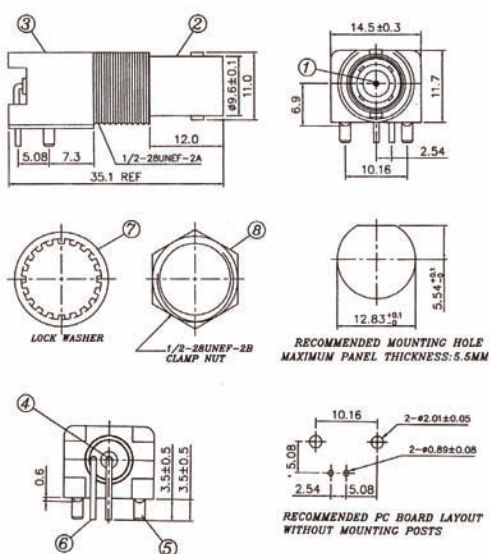
### B315ZN-XNGH50B B315ZN-XNGH50W B315ZN-XNGH75B B315ZN-XNGH75W

BNC RIGHT ANGLE PCB MOUNT JACK ISOLATED TYPE WITH NUT & WASHER & 2 ROUND POST HEIGHT=12.5MM B=BLACK, W=WHITE



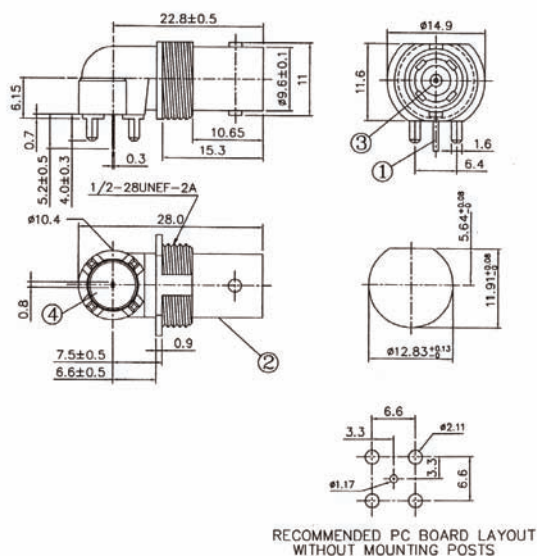
### B417ZN-XNGH50W B417ZN-XNGH75W

BNC RIGHT ANGLE PCB MOUNT JACK ISOLATED TYPE WITH NUT & WASHER & 2 ROUND POSTS, HEIGHT=12.5MM W=WHITE HOUSING



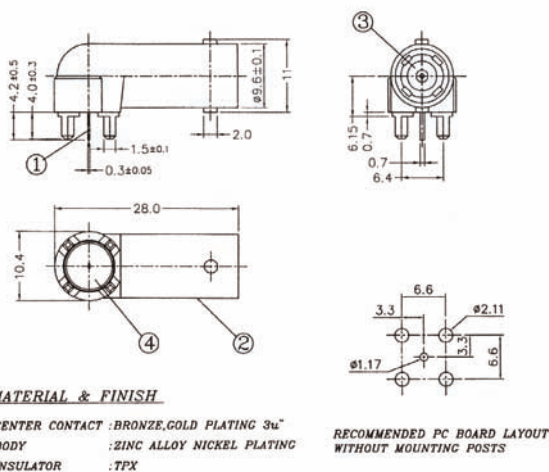
### B121ZN-XNGT50 B121ZN-XNGT75

BNC RIGHT ANGLE PCB MOUNT JACK WITH NUT & WASHER, LENGTH=28MM, TEFLON INSULATION



### B356ZN-XNGT50 B356ZN-XNGT75

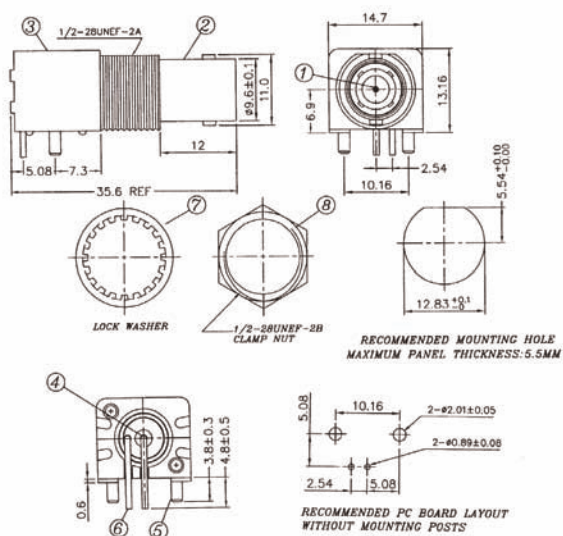
BNC RIGHT ANGLE PCB MOUNT JACK LENGTH=28MM, TEFLON INSULATION



## BNC JACK RIGHT ANGLE PCB MOUNT TYPE (4)

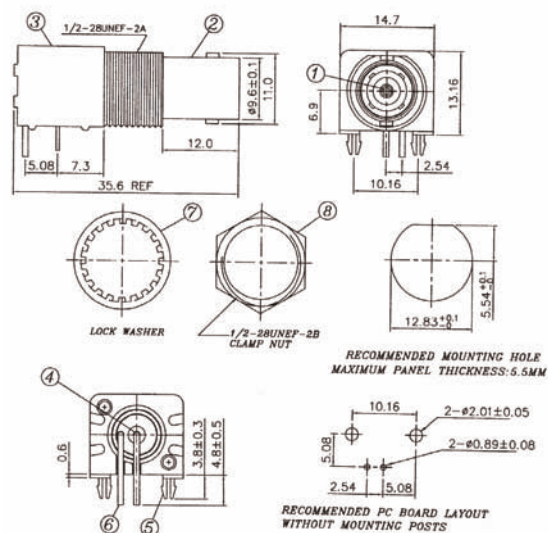
### B456ZN-XNGH50B B456ZN-XNGH75B

BNC RIGHT ANGLE PCB MOUNT JACK BLACK  
BODY WITH NUT & WASHER & 2 ROUND POSTS,  
HEIGHT=13.16MM



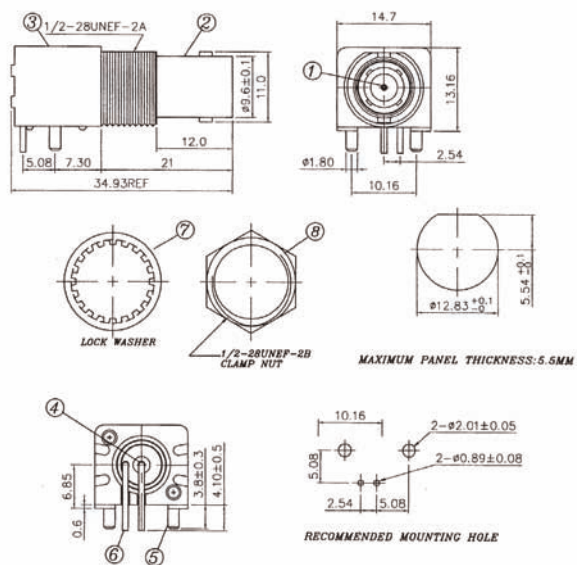
### B404ZN-XNGH\*\*B (BLACK) B404ZN-XNGH\*\*W (WHITE)

BNC RIGHT ANGLE PCB MOUNT JACK ISOLATED BODY  
WITH NUT & WASHER & 2 HARPOON GROUNDING  
POSTS HEIGHT=13.16MM, \*\*=50 & 75 OHMS



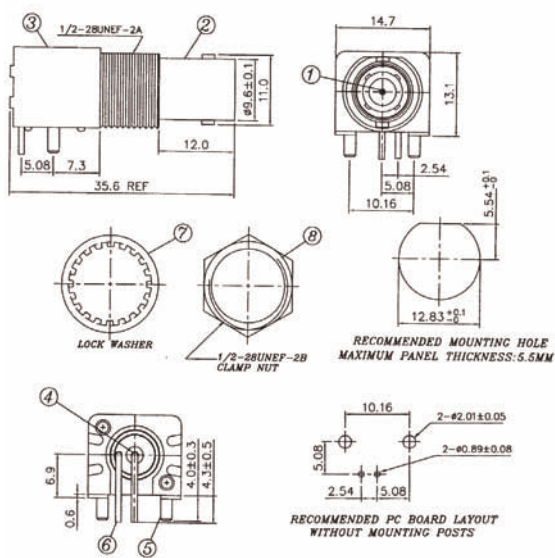
### B458ZN-XGGH50B B458ZN-XGGH75B

BNC RIGHT ANGLE PCB MOUNT JACK GOLD-PLATED  
BODY WITH NUT & WASHER & 2 ROUND POSTS,  
HEIGHT= 13.16MM



### B313ZN-XNGH\*\*B (BLACK) B313ZN-XNGH\*\*W (WHITE)

BNC RIGHT ANGLE PCB MOUNT JACK ISOLATED  
BODY WITH NUT & WASHER & 2 ROUND POSTS,  
HEIGHT=13.16MM \*\*= 50 & 75 OHMS



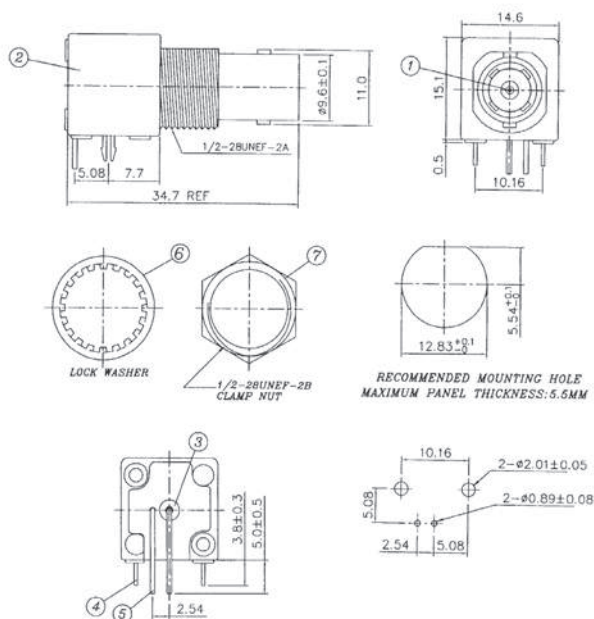


## BNC JACK RIGHT ANGLE PCB MOUNT TYPE (5)

### B455ZN-XNGH50

### B455ZN-XNGH75

BNC RIGHT ANGLE PCB MOUNT JACK METAL BODY WITH NUT & WASHER & 2 HARPOON GROUNDING BRACKETS HEIGHT=15.1MM



### B333ZN-XNGD50

(W/O NUT & WASHER)

### B333ZN-XNGD75

(W/O NUT & WASHER)

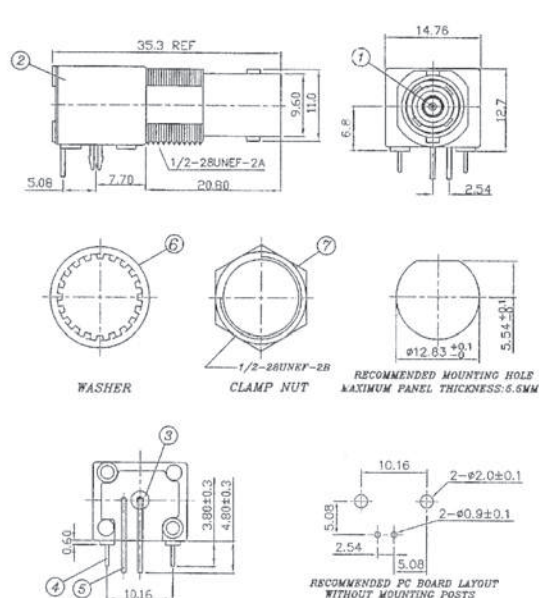
### B334ZN-XNGD50

(WITH NUT & WASHER)

### B334ZN-XNGD75

(WITH NUT & WASHER)

BNC RIGHT ANGLE PCB MOUNT JACK METAL BODY WITH NUT & WASHER & 2 HARPOON GROUNDING BRACKETS HEIGHT=12.7MM



### B517CU-XNGD50

(DELTRIN INSULATION)

### B517CU-XNGD75

(DELTRIN INSULATION)

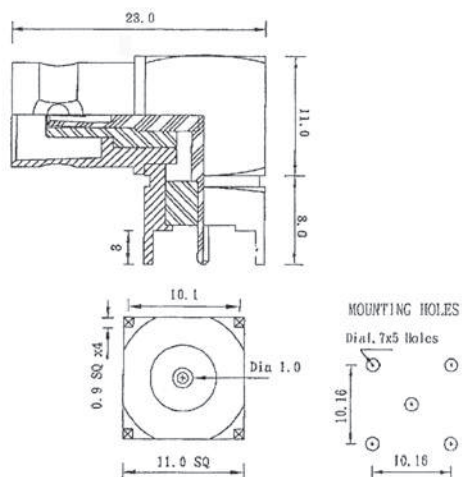
### B517CU-XNGT50

(TEFLON INSULATION)

### B517CU-XNGT75

(TEFLON INSULATION)

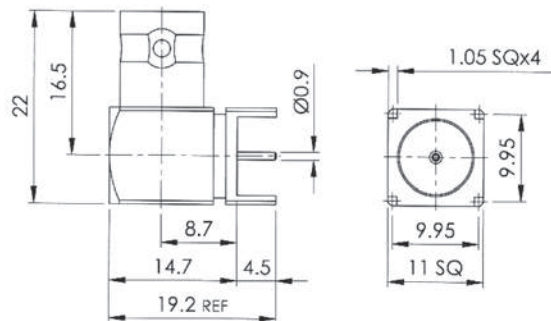
BNC JACK RIGHT ANGLE PCB MOUNT TYPE



### B209CU-XNGD50

### B209CU-XNGD75

BNC JACK RIGHT ANGLE PCB MOUNT TYPE

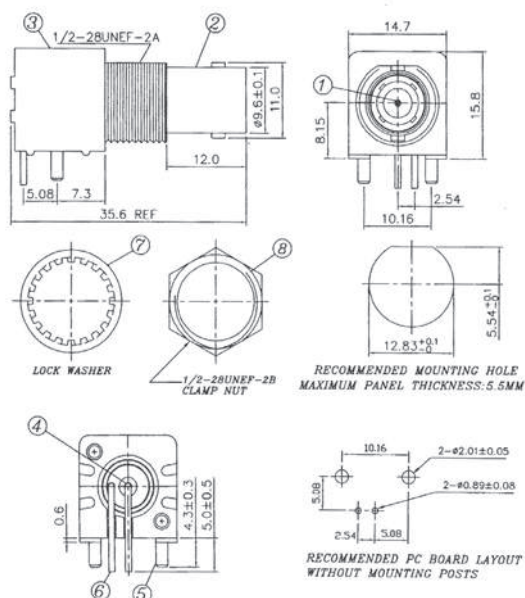




## BNC JACK RIGHT ANGLE PCB MOUNT TYPE (6)

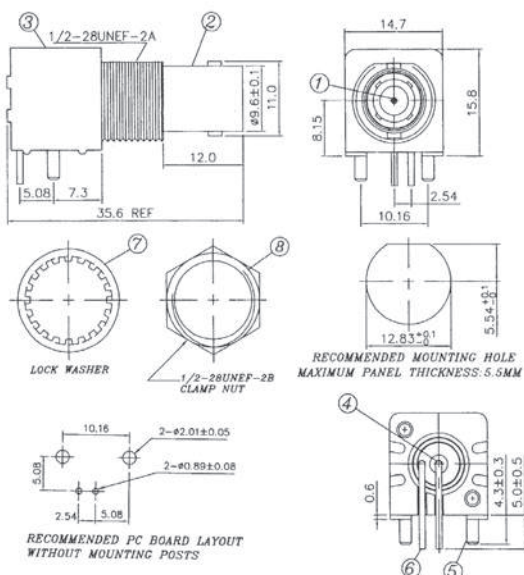
### B457ZN-XNGH50B B457ZN-XNGH75B

BNC RIGHT ANGLE PCB MOUNT JACK BLACK  
BODY WITH NUT & WASHER & 2 ROUND POSTS,  
HEIGHT=15.8MM



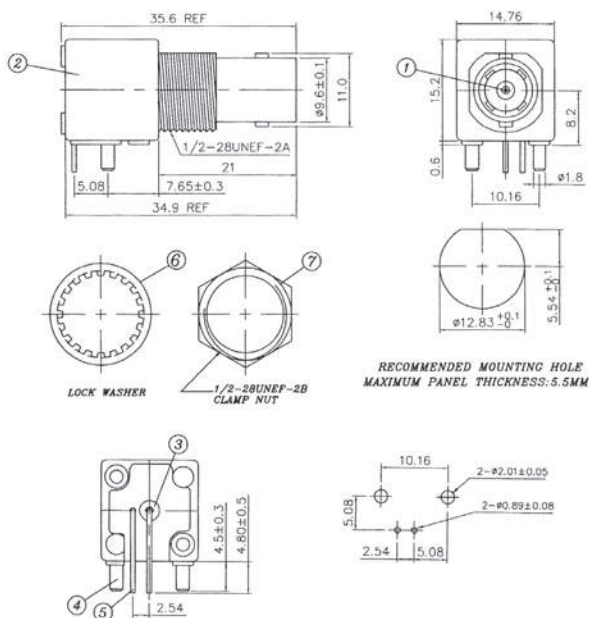
### B459ZN-XGGH50B B459ZN-XGGH75B

BNC RIGHT ANGLE PCB MOUNT JACK GOLD-PLATED  
BODY WITH NUT & WASHER & 2 ROUND POSTS,  
HEIGHT=15.8MM



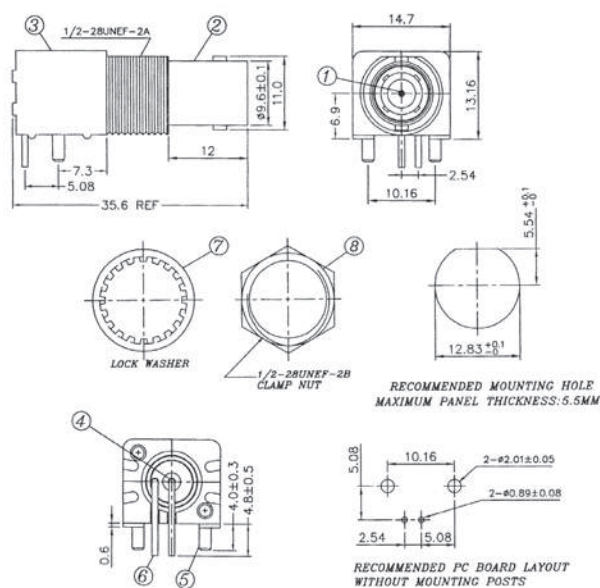
### B316ZN-XNGH50 B316ZN-XNGH75

BNC RIGHT ANGLE PCB MOUNT JACK METAL  
BODY WITH NUT & WASHER & 2 ROUND POSTS,  
HEIGHT=15.8MM



### B342ZN-XNGH\*\*B (BLACK) B342ZN-XNGH\*\*W (WHITE)

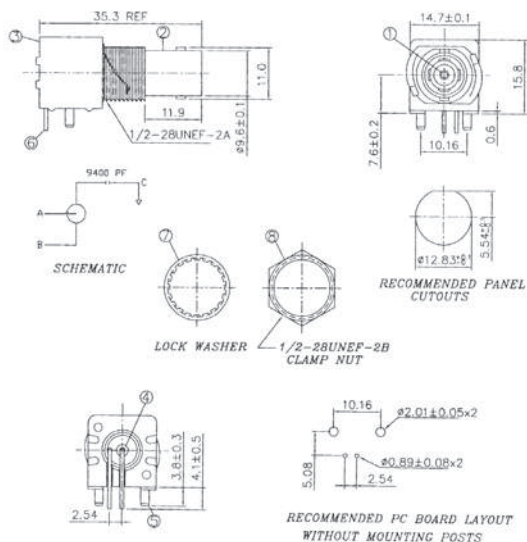
BNC RIGHT ANGLE PCB MOUNT JACK ISOLATED  
BODY WITH NUT & WASHER & 2 ROUND POSTS,  
HEIGHT=13.16MM \*\* = 50 & 75 OHMS



## BNC JACK RIGHT ANGLE PCB MOUNT TYPE WITH FILTER

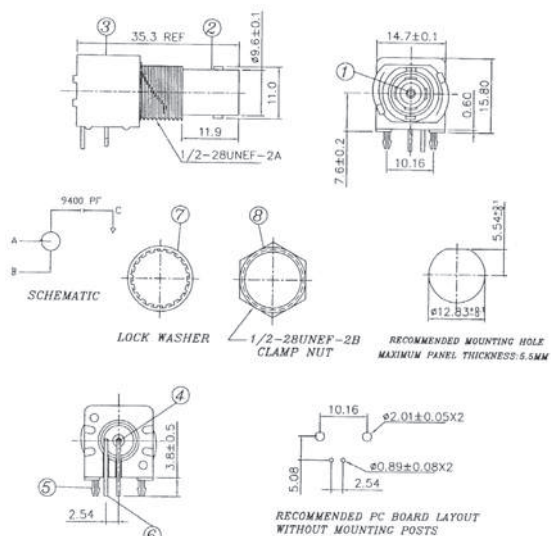
### B320ZN-XNGH50B B320ZN-XNGH75B

BNC RIGHT ANGLE PCB MOUNT JACK ISOLATED TYPE WITH NUT & WASHER & 2 ROUND POSTS, HEIGHT=15.8MM BLACK WITH 1,500VDC FILTER



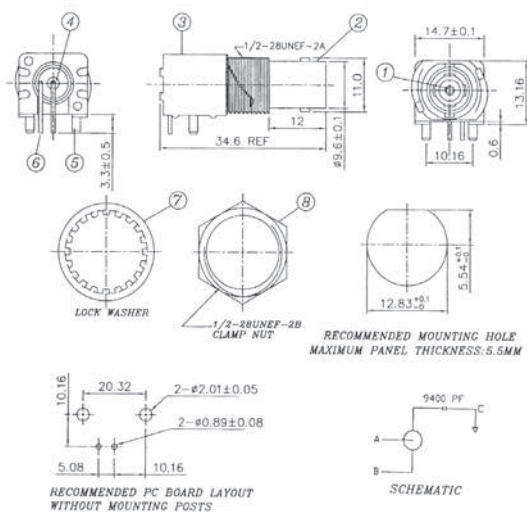
### B321ZN-XNGH50B B321ZN-XNGH75B

BNC RIGHT ANGLE PCB MOUNT JACK ISOLATED TYPE WITH NUT & WASHER & 2 HARPOON GROUNDING BRACKETS WITH 1,500VDC FILTER, HEIGHT=15.8MM



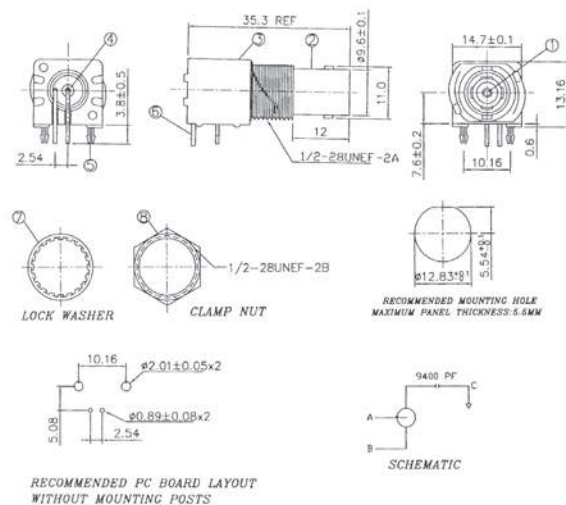
### B322ZN-XNGH50B B322ZN-XNGH75B

BNC RIGHT ANGLE PCB MOUNT JACK ISOLATED TYPE WITH NUT & WASHER & 2 ROUND POSTS, HEIGHT=13.16MM BLACK WITH 1,500VDC FILTER



### B323ZN-XNGH50B B323ZN-XNGH75W

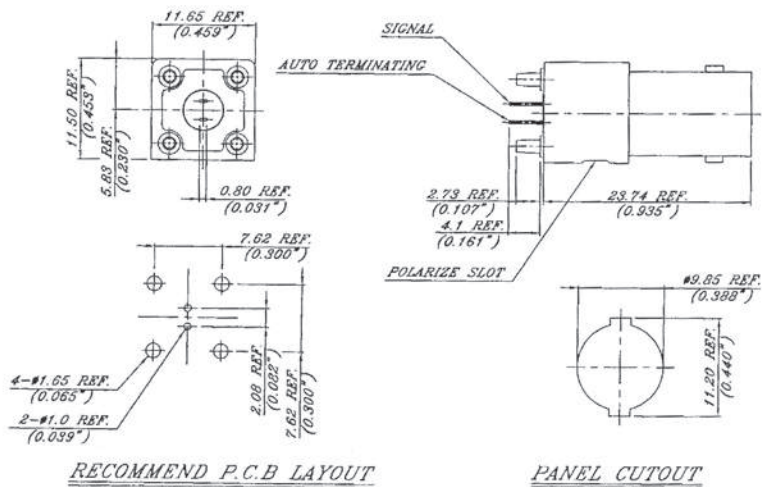
BNC RIGHT ANGLE PCB MOUNT JACK ISOLATED TYPE WITH NUT & WASHER & 2 HARPOON GROUNDING BRACKETS WITH 1,500VDC FILTER, HEIGHT=13.16MM



# BNC JACK STRAIGHT & RIGHT ANGLE PCB MOUNT TYPE

## B385ZN-XNGD50

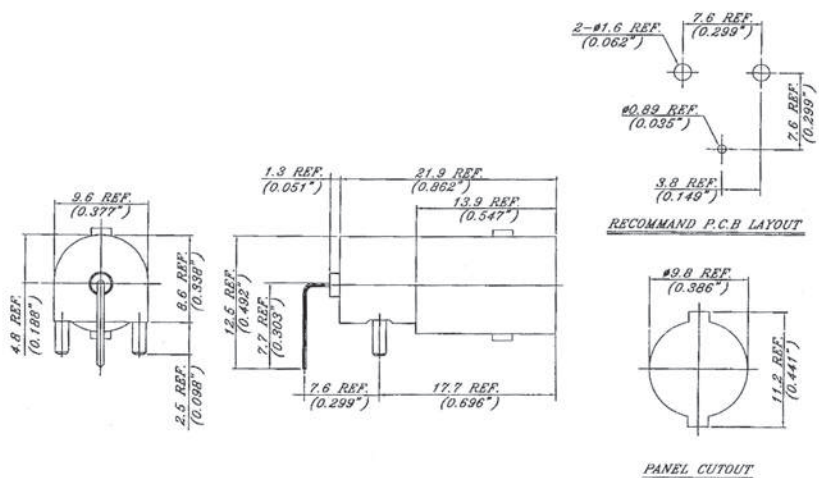
BNC PCB MOUNT JACK WITH  
AUTO TERMINATION 50 OHMS  
ONLY



## B386ZN-XNGD50

## B386ZN-XNGD75

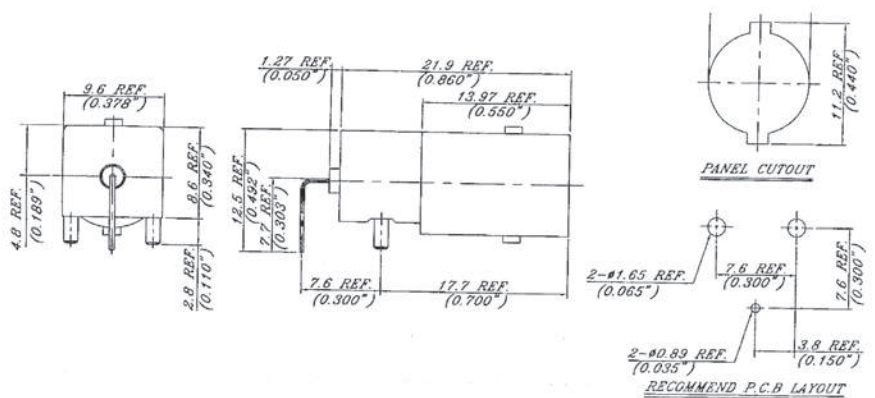
BNC RIGHT ANGLE PCB MOUNT  
JACK 50 & 75 OHMS



## B387ZN-XNGD50

## B387ZN-XNGD75

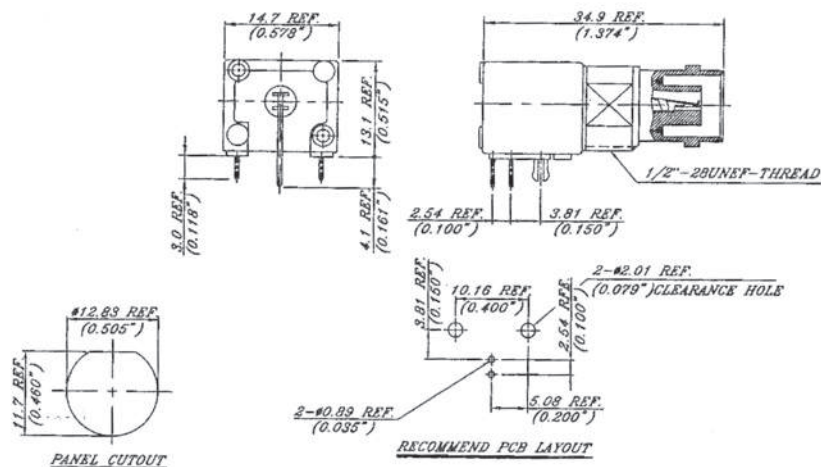
BNC RIGHT ANGLE PCB MOUNT  
JACK 50 & 75 OHMS



# BNC JACK RIGHT ANGLE PCB MOUNT TYPE WITH AUTO TERMINATION

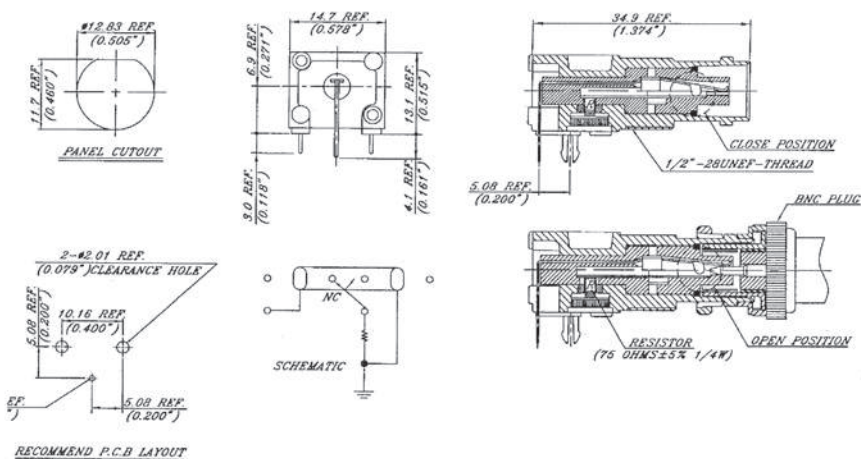
## B379ZN-XNGD50

BNC RIGHT ANGLE PCB MOUNT  
JACK WITH AUTO TERMINATION  
ALL METAL LOW PROFILE TYPE  
50 OHMS ONLY



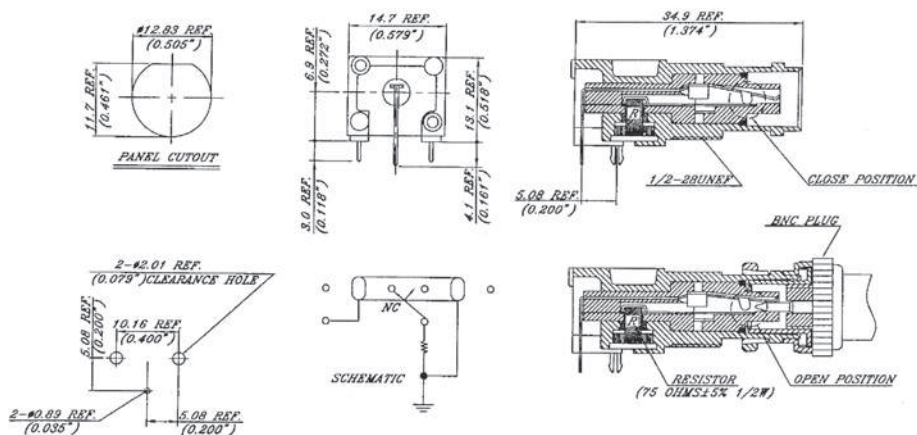
## B380ZN-XNGD75

BNC RIGHT ANGLE PCB MOUNT  
JACK WITH AUTO TERMINATION  
ALL METAL LOW PROFILE TYPE  
WITH 1/4W RESISTOR 75 OHMS  
ONLY



## B381ZN-XNGD75

BNC RIGHT ANGLE PCB MOUNT  
JACK WITH AUTO TERMINATION  
ALL METAL LOW PROFILE TYPE  
WITH 1/2W RESISTOR 75 OHMS  
ONLY



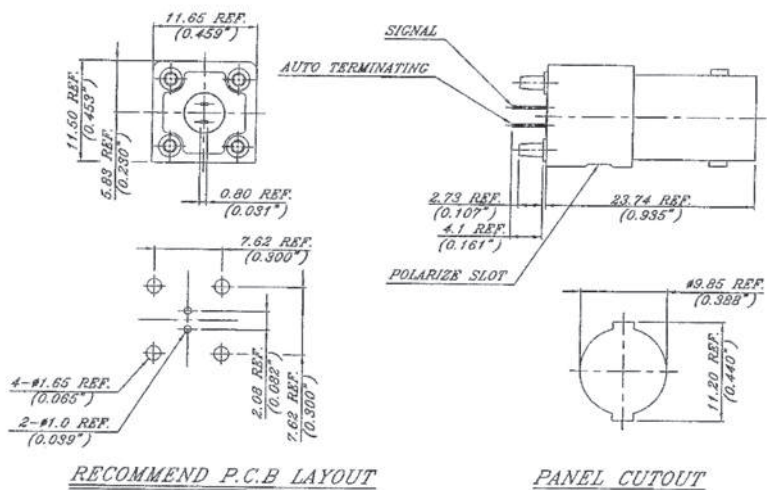


## BNC JACK & ADAPTORS WITH AUTO TERMINATION

### B382ZN-XNGD50

### B382ZN-XNGD75

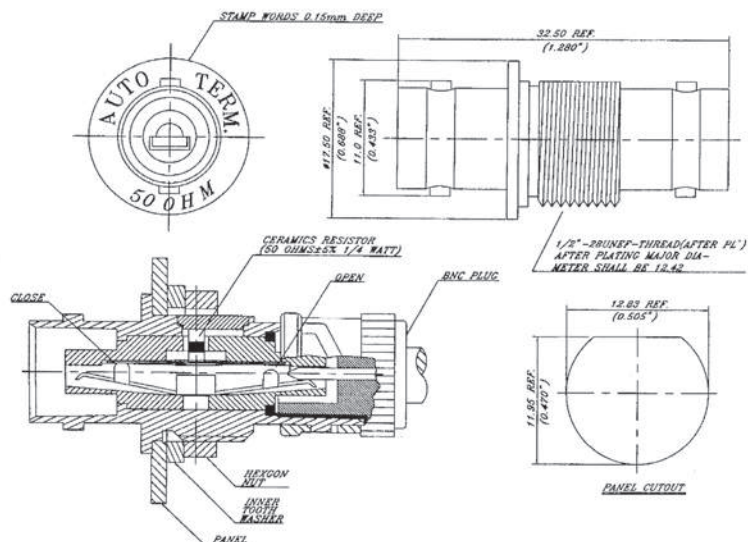
BNC PCB MOUNT JACK WITH AUTO TERMINATION ALL METAL LOW PROFILE TYPE WITH SQUARE TYPE BODY



### B383ZN-XNGD50

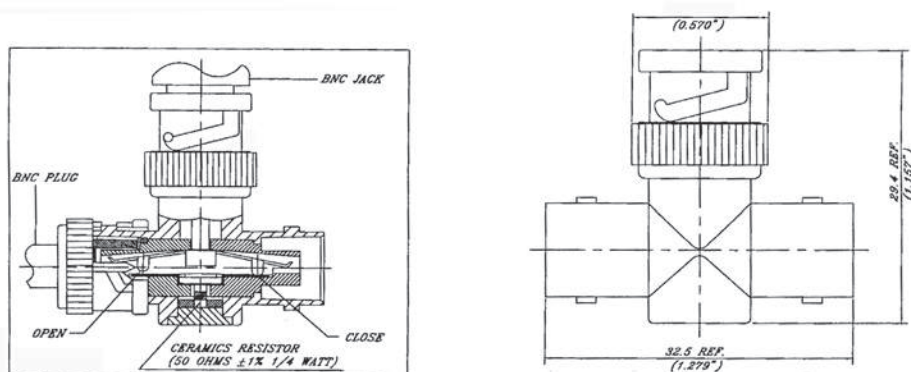
### B383ZN-XNGD75

BNC DOUBLE FEMALE ADAPTOR WITH AUTO TERMINATION CHASIS MOUNT TYPE WITH NUT & WASHER 50 & 75 OHMS



### B384ZN-XNGD50

BNC ONE MALE TO DOUBLE FEMALE ADAPTOR WITH AUTO TERMINATION & INSULATION CAP 50 OHMS ONLY



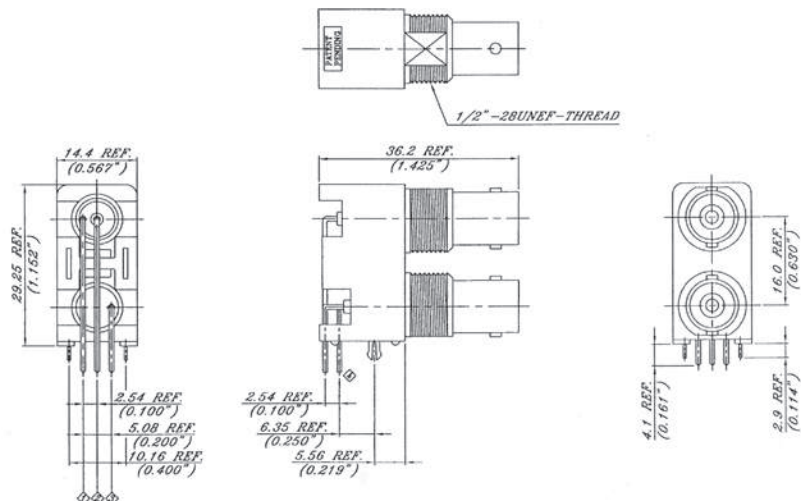


## BNC DUAL PORT JACK RIGHT ANGLE PCB MOUNT TYPE (1)

**B494ZN-XNGD50W**

**B494ZN-XNGD75W**

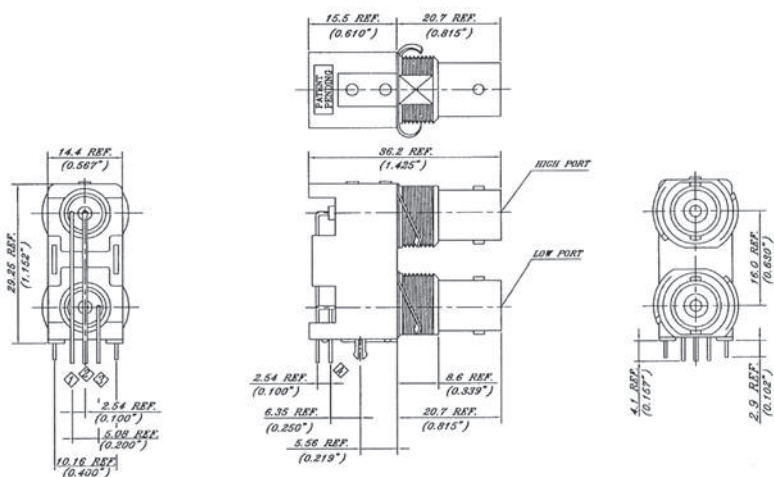
BNC DUAL PORT RIGHT ANGLE  
PCB MOUNT JACK WHITE WITH  
SNAP, NUT & WASHER



**B495ZN-XNGD50B**

**B495ZN-XNGD75B**

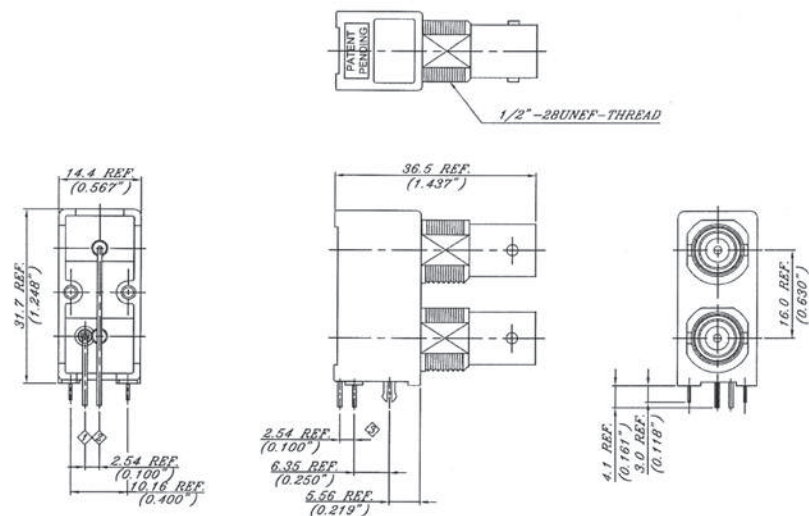
BNC DUAL PORT RIGHT ANGLE  
PCB MOUNT JACK WITH SNAP,  
NUT, WASHER & FILTER 1500VDC



**B499ZN-XNGD50**

**B499ZN-XNGD75**

BNC DUAL PORT RIGHT ANGLE  
PCB MOUNT JACK ALL METAL  
WITH SNAP, NUT & WASHER

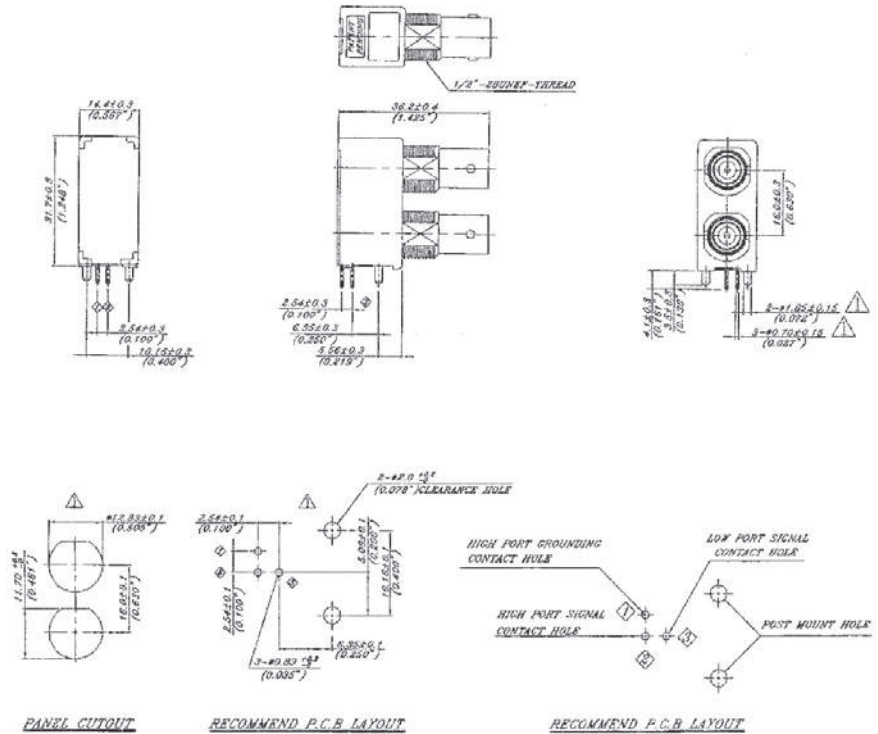


## BNC DUAL PORT JACK RIGHT ANGLE PCB MOUNT TYPE (2)

**B388ZN-XNGD50**

**B388ZN-XNGD75**

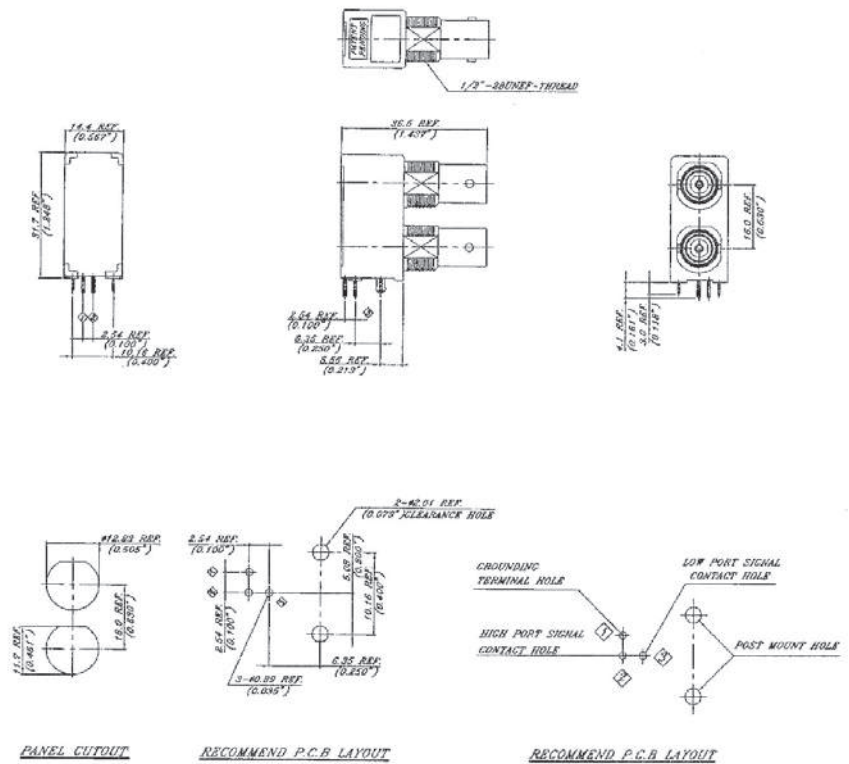
BNC DUAL PORT RIGHT ANGLE  
PCB MOUNT JACK WITH ROUND  
POSTS 50 & 75 OHMS



**B389ZN-XNGD50**

**B389ZN-XNGD75**

BNC DUAL PORT RIGHT ANGLE  
PCB MOUNT JACK WITH HARPOON  
GROUNDING BRACKETS 50 & 75  
OHMS

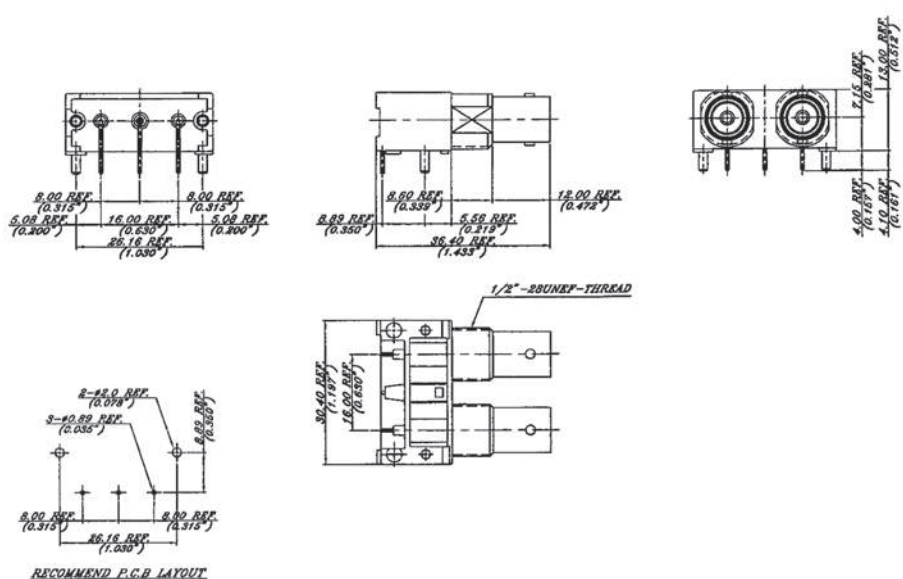


## BNC DUAL PORT JACK RIGHT ANGLE PCB MOUNT TYPE (3)

### B396ZN-XNGD50

### B396ZN-XNGD75

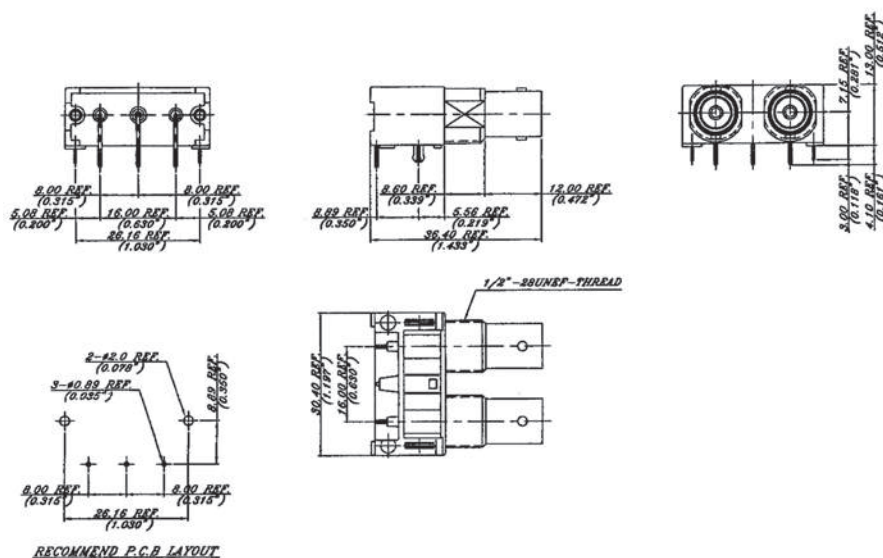
BNC DUAL PORT RIGHT ANGLE  
PCB MOUNT JACK WITH ROUND  
POSTS 50 & 75 OHMS



### B397ZN-XNGD50

### B397ZN-XNGD75

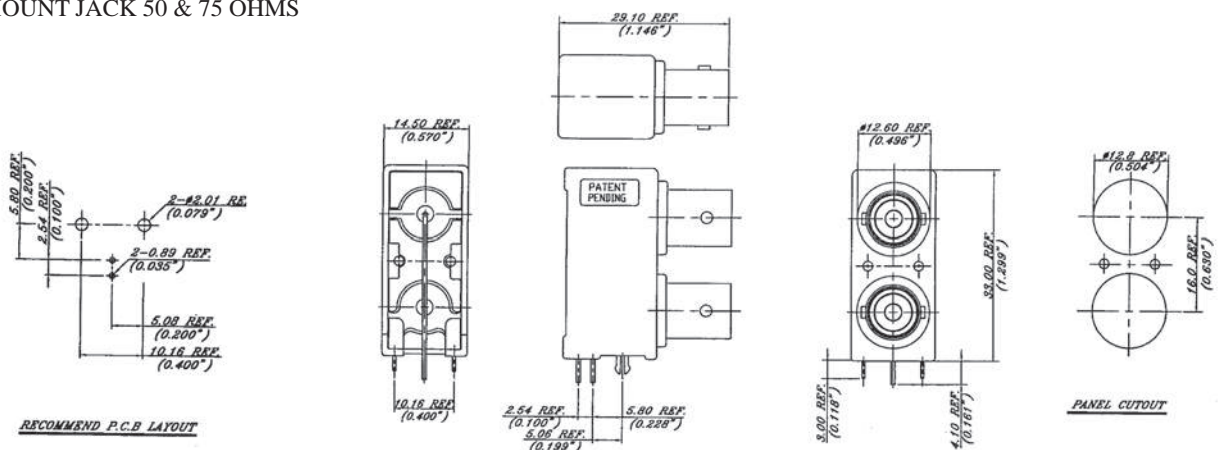
BNC DUAL PORT RIGHT ANGLE  
PCB MOUNT JACK WITH HARPOON  
GROUNDING BRACKETS 50 & 75  
OHMS



### B476ZN-XNGD50

### B476ZN-XNGD75

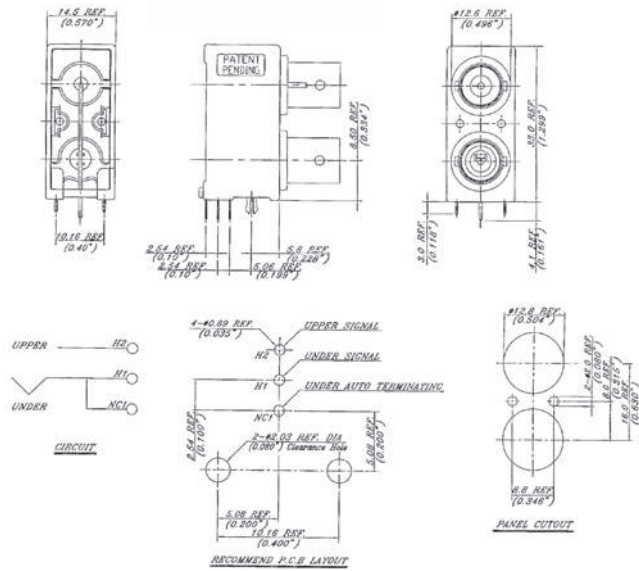
BNC DUAL PORT RIGHT ANGLE  
PCB MOUNT JACK 50 & 75 OHMS



# BNC DUAL PORT JACK PCB MOUNT TYPE WITH AUTO TERMINATION

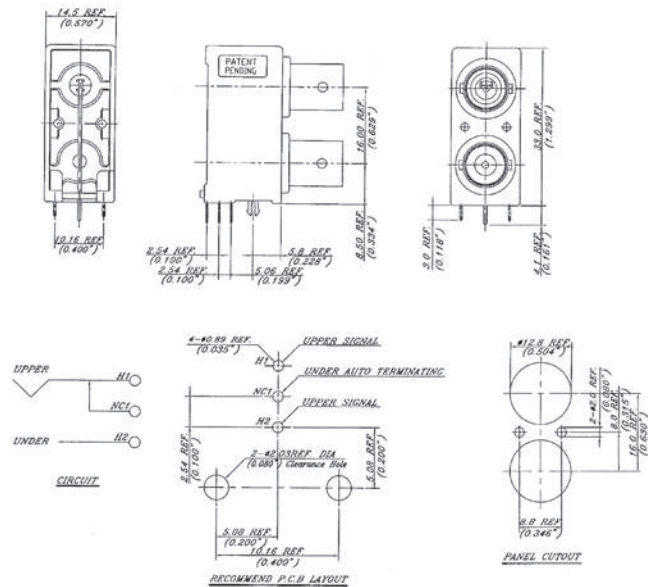
## B477ZN-XNGD50 B477ZN-XNGD75

BNC DUAL PORT RIGHT ANGLE  
PCB MOUNT JACK ALL METAL  
WITH AUTO TERMINATION LOWER  
PORT WITH SWITCH 50 & 75 OHMS



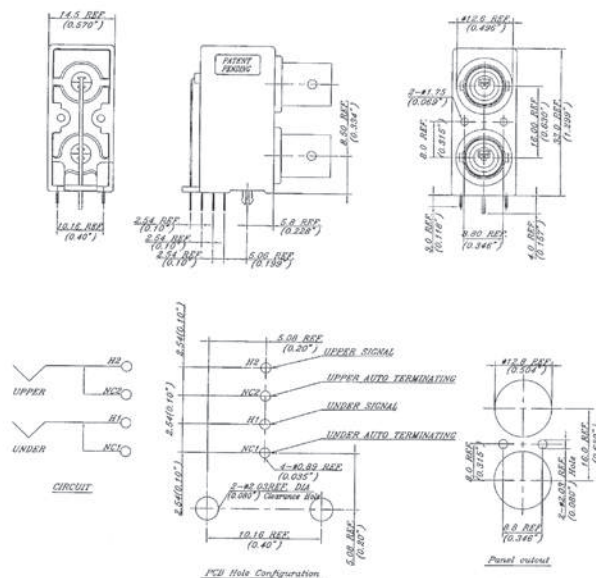
## B489ZN-XNGD50 B489ZN-XNGD75

BNC DUAL PORT RIGHT ANGLE  
PCB MOUNT JACK ALL METAL  
WITH AUTO TERMINATION UPPER  
PORT WITH SWITCH 50 & 75 OHMS



## B478ZN-XNGD50 B478ZN-XNGD75

BNC DUAL PORT RIGHT ANGLE PCB  
MOUNT JACK ALL METAL WITH  
AUTO TERMINATION ALL 2 PORTS  
WITH SWITCHES 50 & 75 OHMS



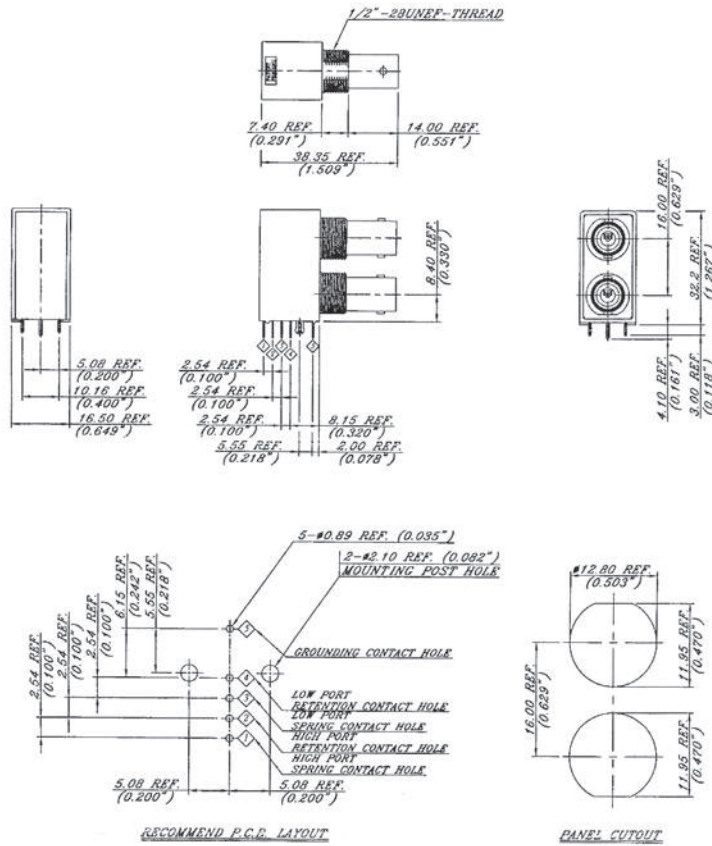


# BNC MULTI PORT JACK PCB MOUNT TYPE WITH AUTO TERMINATION

## B377ZN-XNGD50W

## B377ZN-XNGD75W

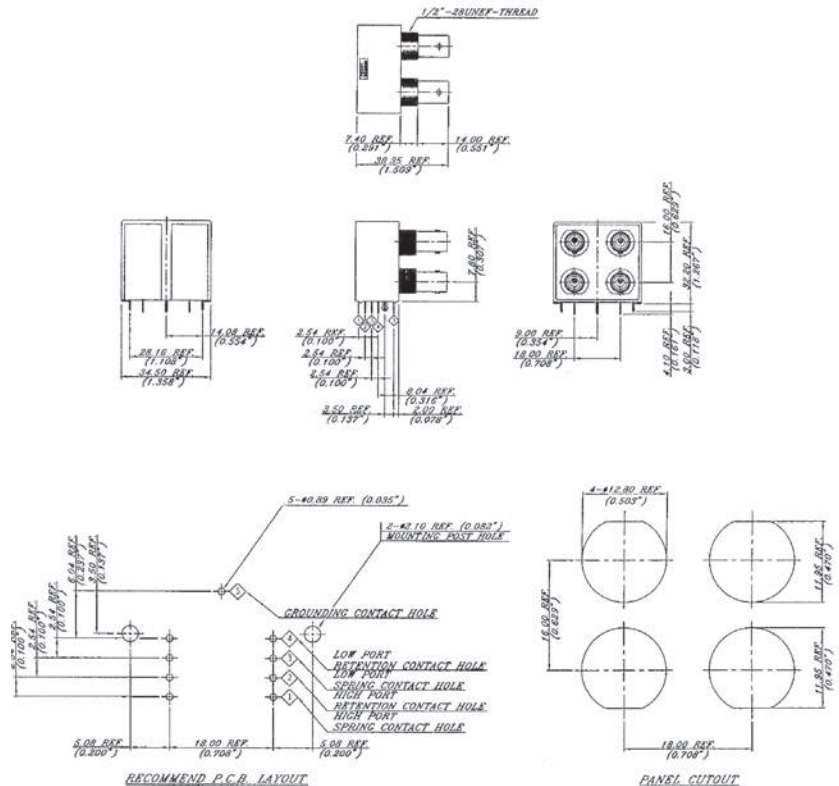
BNC DUAL PORT RIGHT ANGLE  
PCB MOUNT JACK ISOLATED WITH  
AUTO TERMINATION ALL 2 PORTS  
WITH SWITCHES HOUSING COLOR:  
WHITE 50 & 75 OHMS



## B378ZN-XNGD50W

## B378ZN-XNGD75W

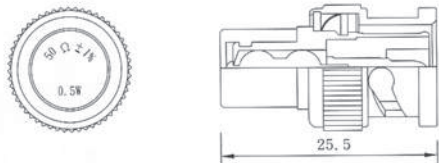
BNC FOUR PORT RIGHT ANGLE PCB  
MOUNT JACK ISOLATED WITH AUTO  
TERMINATION ALL 4 PORTS WITH  
SWITCHES HOUSING COLOR: WHITE  
50 & 75 OHMS



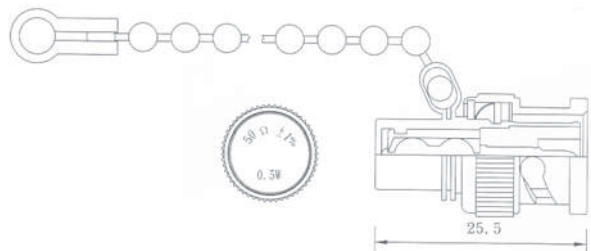


## BNC PLUG/JACK TERMINATOR 50, 75 & 93 OHMS

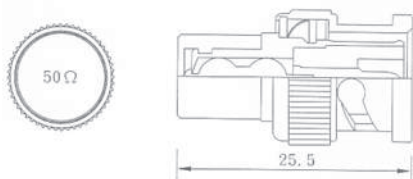
**B114CU-XNGD50** (DELTRIN INSULATION)  
**B115CU-XNGD75** (DELTRIN INSULATION)  
**B116CU-XNGD93** (DELTRIN INSULATION)  
**B114CU-XNGT50** (TEFLON INSULATION)  
**B115CU-XNGT75** (TEFLON INSULATION)  
**B116CU-XNGT93** (TEFLON INSULATION)  
 BNC MALE TERMINATOR WITH PLASTIC END CAP



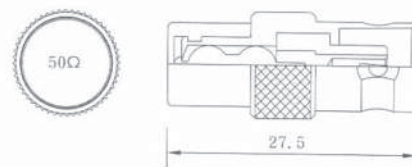
**B187CU-XNGD50** (DELTRIN INSULATION)  
**B188CU-XNGD75** (DELTRIN INSULATION)  
**B189CU-XNGD93** (DELTRIN INSULATION)  
**B187CU-XNGT50** (TEFLON INSULATION)  
**B188CU-XNGT75** (TEFLON INSULATION)  
**B189CU-XNGT93** (TEFLON INSULATION)  
 BNC MALE TERMINATOR WITH PLASTIC END CAP & CHAIN



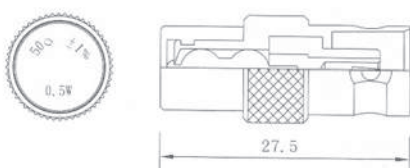
**B268CU-XNGD50** (DELTRIN INSULATION)  
**B268CU-XNGD75** (DELTRIN INSULATION)  
**B268CU-XNGD93** (DELTRIN INSULATION)  
**B268CU-XNGT50** (TEFLON INSULATION)  
**B268CU-XNGT75** (TEFLON INSULATION)  
**B268CU-XNGT93** (TEFLON INSULATION)  
 BNC MALE TERMINATOR ALL METAL TYPE



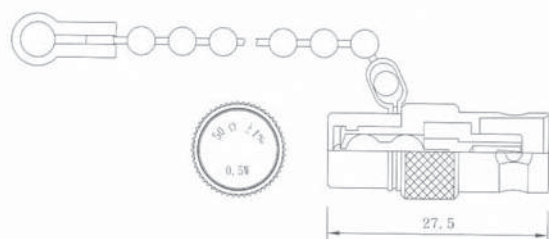
**B271CU-XNGD50** (DELTRIN INSULATION)  
**B271CU-XNGD75** (DELTRIN INSULATION)  
**B271CU-XNGD93** (DELTRIN INSULATION)  
**B271CU-XNGT50** (TEFLON INSULATION)  
**B271CU-XNGT75** (TEFLON INSULATION)  
**B271CU-XNGT93** (TEFLON INSULATION)  
 BNC FEMALE TERMINATOR ALL METAL TYPE



**B270CU-XNGD50** (DELTRIN INSULATION)  
**B270CU-XNGD75** (DELTRIN INSULATION)  
**B270CU-XNGD93** (DELTRIN INSULATION)  
**B270CU-XNGT50** (TEFLON INSULATION)  
**B270CU-XNGT75** (TEFLON INSULATION)  
**B270CU-XNGT93** (TEFLON INSULATION)  
 BNC FEMALE TERMINATOR WITH PLASTIC END CAP

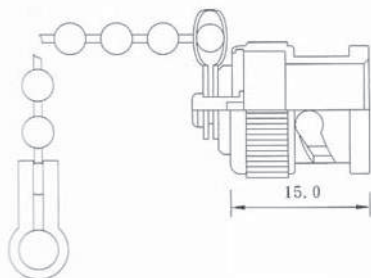


**B530CU-XNGD50** (DELTRIN INSULATION)  
**B530CU-XNGD75** (DELTRIN INSULATION)  
**B530CU-XNGD93** (DELTRIN INSULATION)  
**B530CU-XNGT50** (TEFLON INSULATION)  
**B530CU-XNGT75** (TEFLON INSULATION)  
**B530CU-XNGT93** (TEFLON INSULATION)  
 BNC FEMALE TERMINATOR WITH PLASTIC CAP & CHAIN

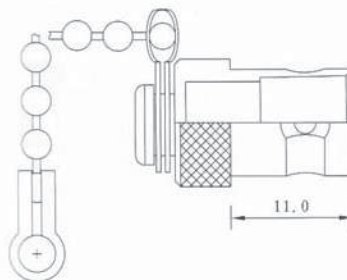


## BNC PROTECTIVE CAP & CABLE BOOT

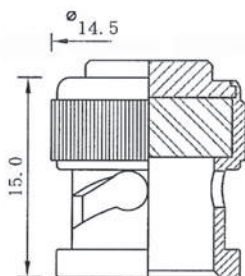
**B108CU-XNXX** (CW-123)  
PROTECTIVE CAP WITH CHAIN  
FOR BNC FEMALE CONNECTOR



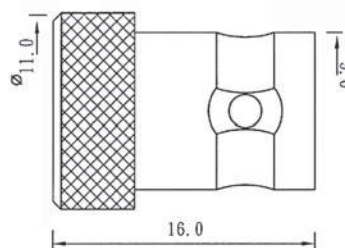
**B109CU-XNXX** (CW-282)  
PROTECTIVE CAP WITH CHAIN  
FOR BNC MALE CONNECTOR



**B180CU-XNXX**  
PROTECTIVE CAP FOR BNC FEMALE CONNECTOR



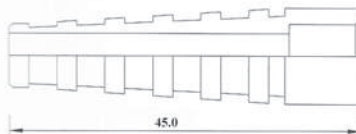
**B181CU-XNXX**  
PROTECTIVE CAP FOR BNC MALE CONNECTOR



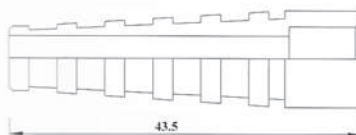
### P/N 8991-\*\*\*

CABLE BOOTS  
RG58/U: 8991-58\*  
RG59, 62/U: 8991-62\*  
RG174/U: 8991-174\*  
\*= BOOT COLOR

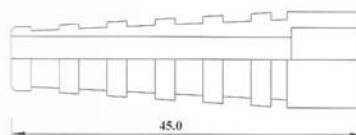
A= GRAY  
B= BLACK  
N= GREEN  
O= ORANGE  
R= RED  
U= BLUE  
W= WHITE  
Y= YELLOW  
C= BROWN



**P/N 8991-58\***  
FOR RG58/U CABLE



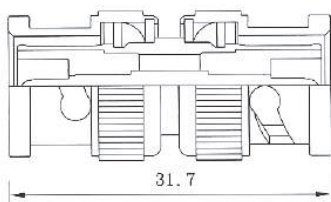
**P/N 8991-62\***  
FOR RG59,62/U CABLE



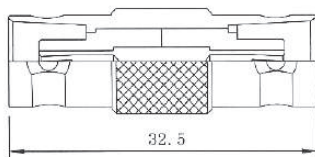
**P/N 8991-174\***  
FOR RG174/U CABLE

## BNC IN-SERIES ADAPTORS (1)

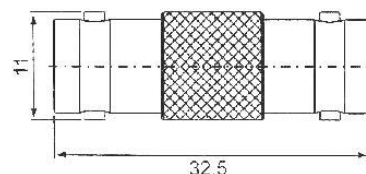
**B124CU-XNGD50**  
**B124CU-XNGD75**  
 (UG-491B/U)  
 BNC DOUBLE MALE



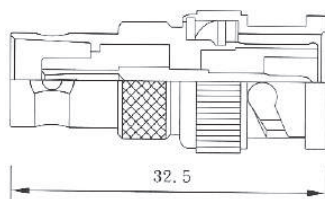
**B125CU-XNGD50**  
**B125CU-XNGD75**  
 BNC DOUBLE FEMALE



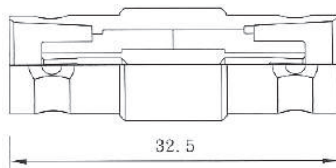
**B371CU-XNGD50**  
**B371CU-XNGD75**  
 (UG-914/U)  
 BNC DOUBLE FEMALE



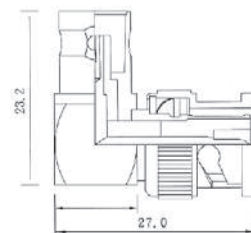
**B293CU-XNGD50**  
**B293CU-XNGD75**  
 BNC MALE TO BNC FEMALE



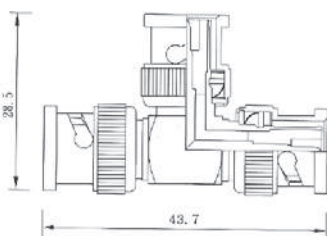
**B430CU-XNGD50**  
**B430CU-XNGD75**  
 BNC DOUBLE FEMALE  
 (NON KNURL)



**B127CU-XNGD50**  
**B127CU-XNGD75**  
 (UG-306B/U)  
 BNC MALE TO BNC FEMALE  
 RIGHT ANGLE TYPE



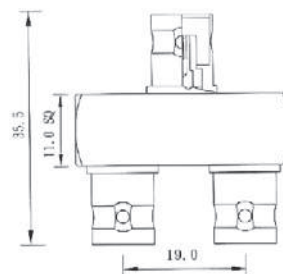
**B142CU-XNGD50**  
**B142CU-XNGD75**  
 BNC TRIPLE MALE



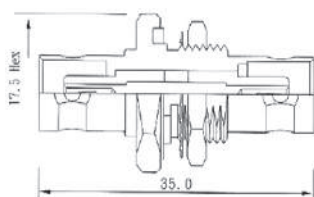
**B128CU-XNGD50**  
**B128CU-XNGD75**  
 BNC TRIPLE FEMALE



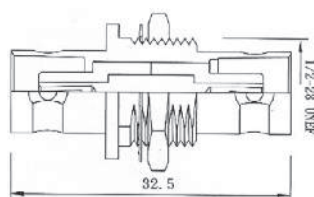
**B301CU-XNGD50**  
**B301CU-XNGD75**  
 BNC TRIPLE FEMALE



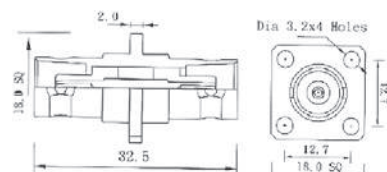
**B521CU-XNGD50**  
**B521CU-XNGD75**  
 BNC DOUBLE FEMALE  
 BULKHEAD TYPE  
 (17.5MM HEX)



**B152CU-XNGD50**  
**B152CU-XNGD75**  
 (UG-492D/U)  
 BNC DOUBLE FEMALE  
 BULKHEAD TYPE

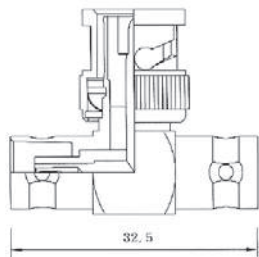


**B154CU-XNGD50**  
**B154CU-XNGD75**  
 (UG-414A/U)  
 BNC DOUBLE FEMALE  
 PANEL MOUNT TYPE

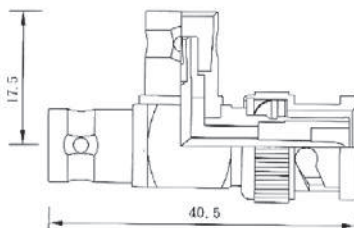


## BNC IN-SERIES ADAPTORS (2)

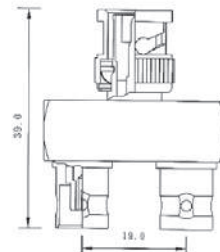
**B126CU-XNGD50**  
**B126CU-XNGD75**  
 BNC MALE TO  
 BNC DOUBLE FEMALE



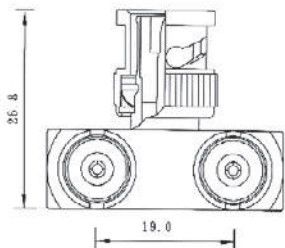
**B175CU-XNGD50**  
**B175CU-XNGD75**  
 BNC MALE TO  
 BNC DOUBLE FEMALE



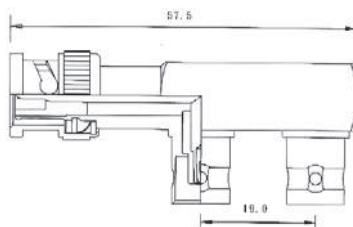
**B194CU-XNGD50**  
**B194CU-XNGD75**  
 BNC MALE TO  
 BNC DOUBLE FEMALE



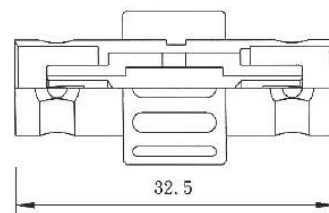
**B195CU-XNGD50**  
**B195CU-XNGD75**  
 BNC MALE TO RIGHT ANGLE  
 BNC DOUBLE FEMALE



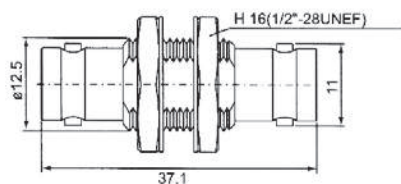
**B294CU-XNGD50**  
**B294CU-XNGD75**  
 BNC MALE TO  
 BNC DOUBLE FEMALE



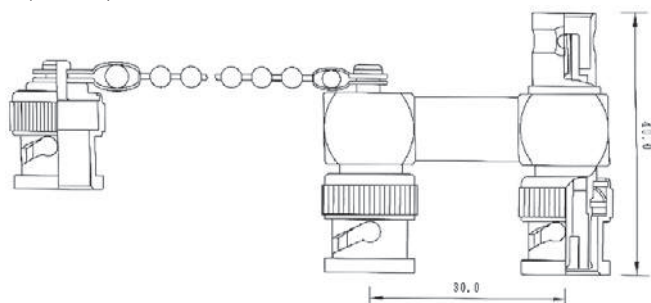
**B297CU-XNGD50**  
**B297CU-XNGD75**  
 BNC DOUBLE FEMALE  
 ISOLATED TYPE



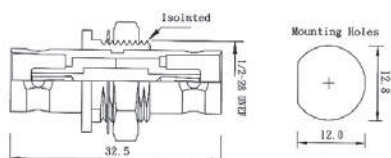
**B408CU-XNGD50**  
**B408CU-XNGD75**  
 BNC DOUBLE FEMALE  
 BULKHEAD TYPE



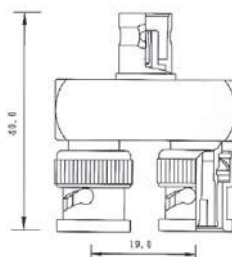
**B509CU-XNGD\*\***  
 BNC FEMALE TO BNC DOUBLE MALE  
 WITH PROTECTIVE CAP FOR JACK  
 \*\*= 50 & 75 (OHMS)



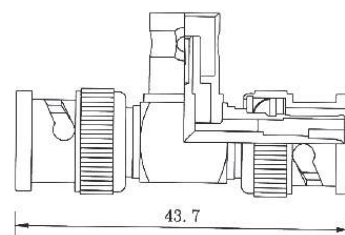
**B182CU-XNGD\*\*W** (WHITE)  
**B182CU-XNGD\*\*B** (BLACK)  
 BNC DOUBLE FEMALE  
 ISOLATED BULKHEAD TYPE  
 \*\*= 50 & 75 (OHMS)



**B295CU-XNGD50**  
**B295CU-XNGD75**  
 BNC FEMALE TO  
 BNC DOUBLE MALE

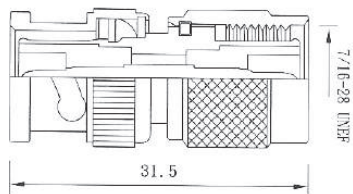


**B409CU-XNGD50**  
**B409CU-XNGD75**  
 BNC FEMALE TO  
 BNC DOUBLE MALE

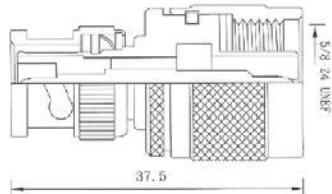


## BNC TO TNC/N/F ADAPTORS

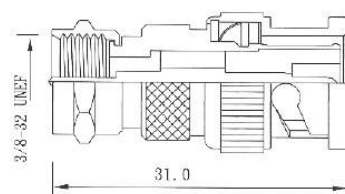
**B308CU-XNGD50**  
**B308CU-XNGD75**  
 BNC MALE TO TNC MALE



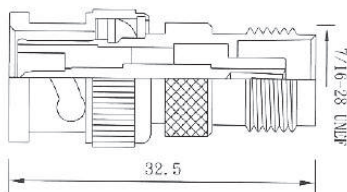
**B157CU-XNGD50**  
**B157CU-XNGD75**  
 (UG-1034/U)  
 BNC MALE TO N MALE



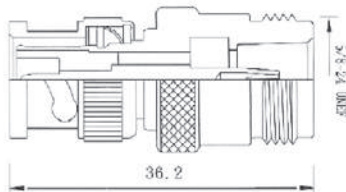
**B131CU-XNGD75**  
 BNC MALE TO F MALE



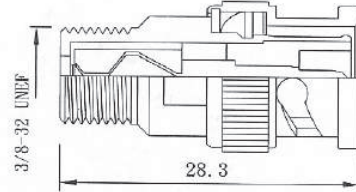
**B135CU-XNGD50**  
**B135CU-XNGD75**  
 BNC MALE TO TNC FEMALE



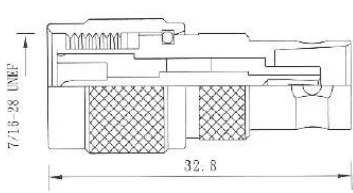
**B133CU-XNGD50**  
**B133CU-XNGD75**  
 (UG-349B/U)  
 BNC MALE TO N FEMALE



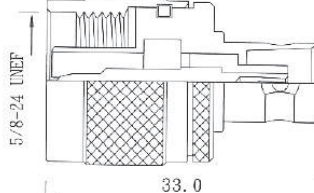
**B137CU-XNGD75**  
 BNC MALE TO F FEMALE



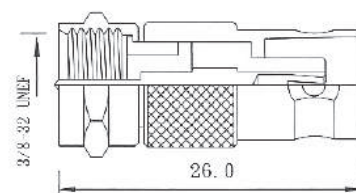
**B167CU-XNGD50**  
**B167CU-XNGD75**  
 BNC FEMALE TO TNC MALE



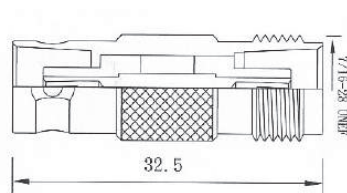
**B156CU-XNGD50**  
**B156CU-XNGD75**  
 (UG-201A/U)  
 BNC FEMALE TO N MALE



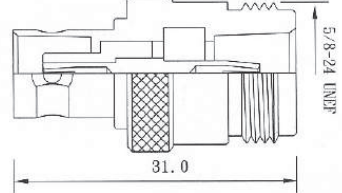
**B138CU-XNGD75**  
 BNC FEMALE TO F MALE



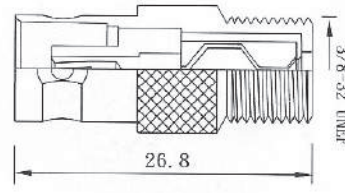
**B141CU-XNGD50**  
**B141CU-XNGD75**  
 BNC FEMALE TO TNC FEMALE



**B158CU-XNGD50**  
**B158CU-XNGD75**  
 BNC FEMALE TO N FEMALE



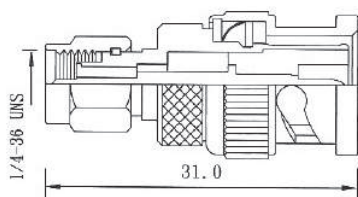
**B140CU-XNGD75**  
 BNC FEMALE TO F FEMALE



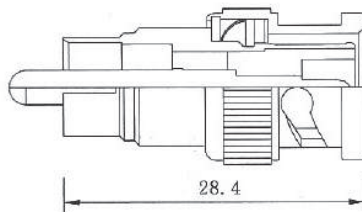


## BNC TO SMA/RCA/UHF ADAPTORS

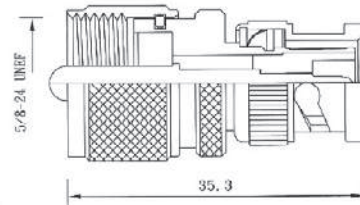
**B162CU-XNGT50**  
BNC MALE TO SMA MALE



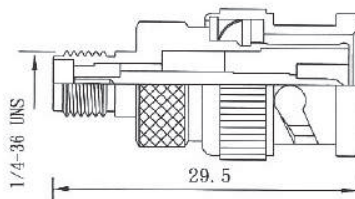
**B132CU-XNGD75**  
BNC MALE TO RCA MALE



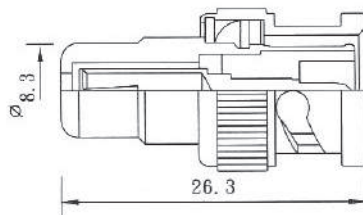
**B130CU-XNGD50**  
BNC MALE TO UHF MALE



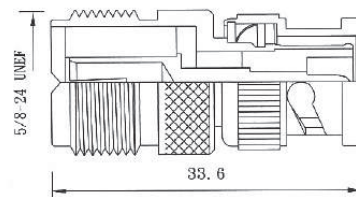
**B164CU-XNGT50**  
BNC MALE TO SMA FEMALE



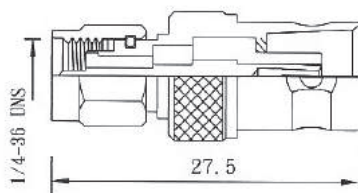
**B136CU-XNGD75**  
BNC MALE TO RCA FEMALE



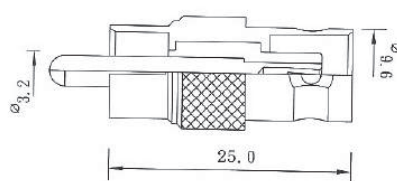
**B134CU-XNGD50**  
(UG-255A/U)  
BNC MALE TO UHF FEMALE



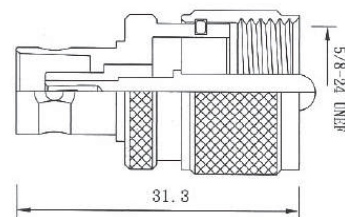
**B163CU-XNGT50**  
BNC FEMALE TO SMA MALE



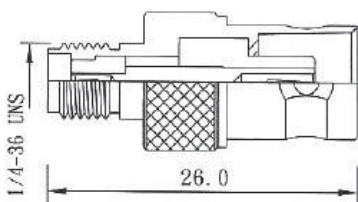
**B155CU-XNGD75**  
BNC FEMALE TO RCA MALE



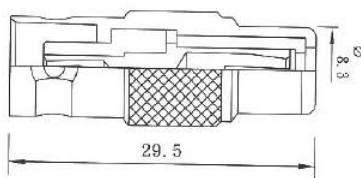
**B161CU-XNGD50**  
(UG-273/U)  
BNC FEMALE TO UHF MALE



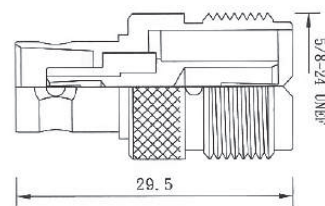
**B165CU-XNGT50**  
BNC FEMALE TO SMA FEMALE



**B310CU-XNGD75**  
BNC FEMALE TO RCA FEMALE



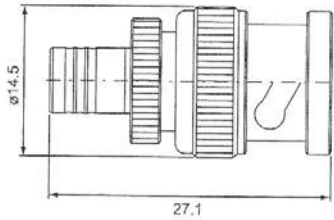
**B139CU-XNGD50**  
BNC FEMALE TO UHF FEMALE



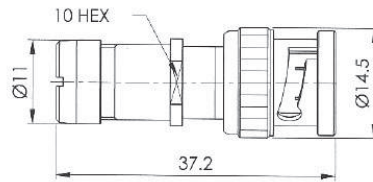


## BNC TO SMB/M4/PATCHING/OTHER ADAPTORS

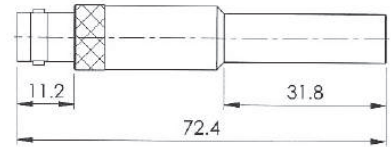
**SB347CU-XNGT50**  
SMB MALE TO BNC MALE



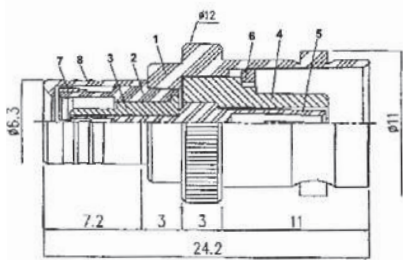
**B531CU-XNGD75**  
BNC MALE TO  
M4 FEMALE CONNECTOR



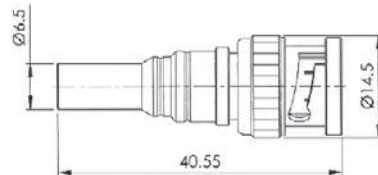
**B533CU-XNGD75**  
BNC FEMALE TO STANDARD  
COAX PATCHING PLUG



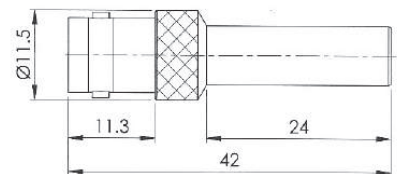
**SB401CU-XNGT50**  
SMB MALE TO  
BNC FEMALE



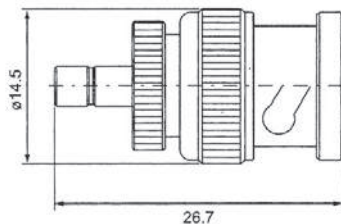
**B532CU-XNGD75**  
BNC MALE TO  
M4 MALE CONNECTOR



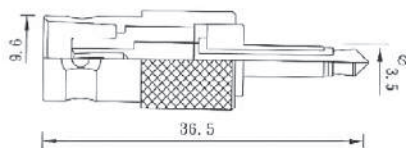
**B534CU-XNGD75**  
BNC FEMALE TO MINIATURE  
COAX PATCHING PLUG



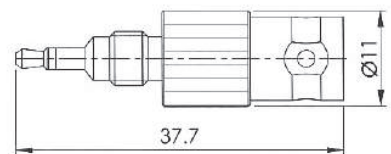
**SB348CU-XNGT50**  
SMB FEMALE TO BNC MALE



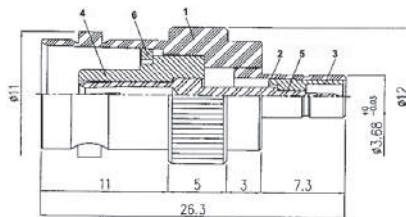
**B166CU-XNND50**  
BNC FEMALE TO  
3.5MM MONO PLUG



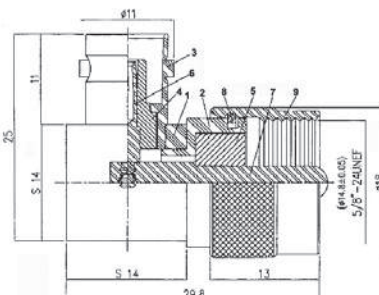
**B414CU-XNND50**  
BNC FEMALE TO  
2.5MM MONO PLUG



**SB387CU-XNGT50**  
SMB FEMALE TO  
BNC FEMALE

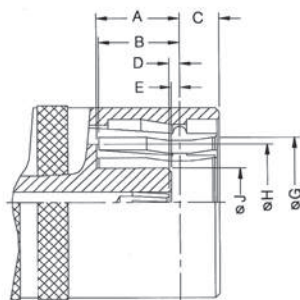


**B149CU-XNGD50**  
BNC FEMALE TO UHF MALE  
RIGHT NAGLE TYPE

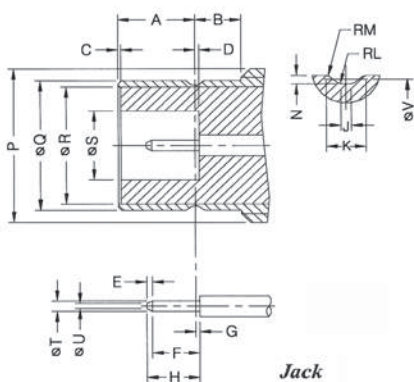


# BT43 SERIES CONNECTORS & ADAPTORS

## INTERFACE MATING DIMENSIONS



Plug



Jack

### PLUG

Letter	Millimeters	
	Minimum	Maximum
A	3.63	3.83
B	3.61	3.77
C	-	1.8
D	0.23	0.38
E	0.23	0.48
F	3.2	3.53
G	6.25	-
H	5.60 NOM	
J	-	3.33

### JACK

Letter	Millimeters	
	Minimum	Maximum
A	3.33	3.58
B	2.01	-
C	0.00	-
D	-	0.18
E	0.25	-
F	1.32	-
G	-	0.18
H	-	2.97
J	0.28	0.38
K	0.69	0.94
RL	-	0.13
RM	0.05	0.15
N	0.15	0.25
P	-	7.94
Q	6.20	6.25
R	3.35	-
S	5.60 NOM	
T	0.48	0.53
U	-	0.25
V	5.97	6.07

## SPECIFICATIONS

Electrical		
Impedance	75 ohm	
Frequency Range	0-3 GHz	
Working Voltage	500 VRMS max.	
Dielectric Withstanding Voltage	1500 VRMS min.	
VSWR	Straight	1.3 max.
	Right Angle	1.5 max.
Contact Resistance	Center Contact	5 Milliohms max.
	Outer Contact	2 Milliohms max.
Insulator Resistance	5000 Megohms min.	

Material		
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Nickel 70 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Gold 30 micro-inches
	Female: Beryllium copper per QQ-C-530	Gold 30 micro-inches
Insulators	Teflon	None
Outer Contact of male	Beryllium copper per QQ-C-530	Gold 3 micro-inches
Crimp Ferrules	Annealed Brass	Nickel 70 micro-inches

\* In General All Type 43 Series Connector Bodies Are Gold Plated in Mating Areas.

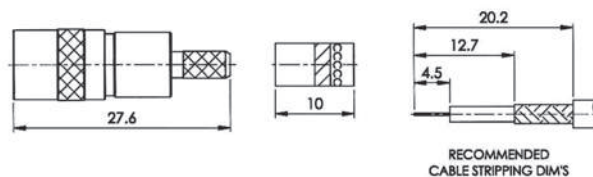
Mechanical & Environmental	
Mechanical Endurance	250 matings
Cable Retention (Male Connectors)	220 N min.
Cable Retention (Socket Connectors)	220 N min.
Center Contact Retention (Male Connectors)	22 N min.
Center Contact Retention (Socket Connectors)	22 N min.
Weight	10g (grams) typical
Temperature Range	-40° C to 100° C
Vibration	MIL-STD-202 Method 204 Test Cond. B.
Salt Spray	MIL-STD-202 Method 101 Test Cond. B.
Thermal Shock	MIL-STD-202 Method 107 Test Cond. B.



## BT43 PLUG/JACK CRIMP TYPE

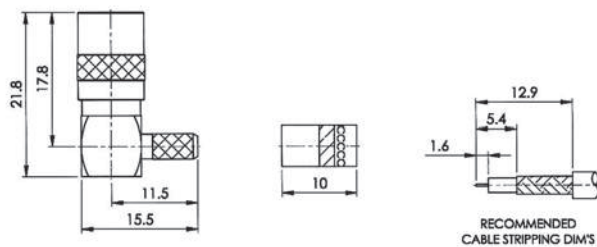
### BT431CU-\*GGT75

BT43 PLUG CRIMP TYPE



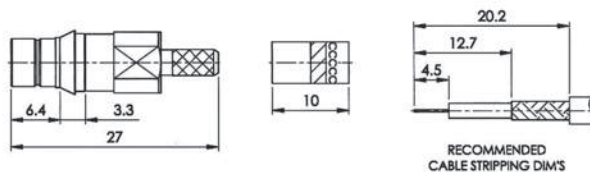
### BT432CU-\*GGT75

BT43 PLUG CRIMP  
RIGHT ANGLE TYPE



### BT433CU-NGGT75

BT43 JACK CRIMP TYPE



## ORDERING INFORMATION:

P/N B T x x x C U - x G G T 7 5  
          2          3          4 5 6 7 8

2. CONNECTOR CODE:

BT431, BT432, BT433

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"T1" BT2001

"T2" BT2002

"T3" BT2003

"T5" BT3002

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

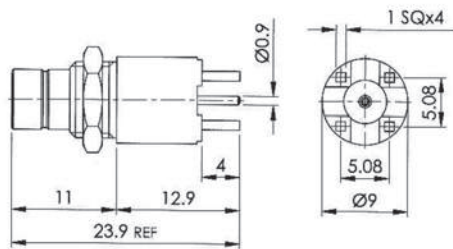
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## BT43 PCB MOUNT JACK & ADAPTOR

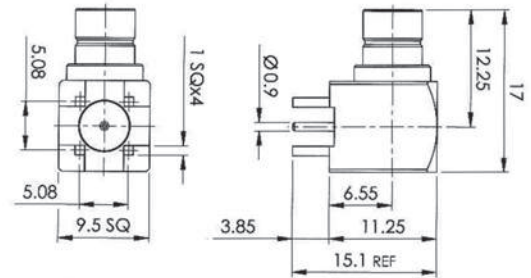
### BT434CU-XGGT75

BT43 JACK STRAIGHT BULKHEAD PCB MOUNT TYPE



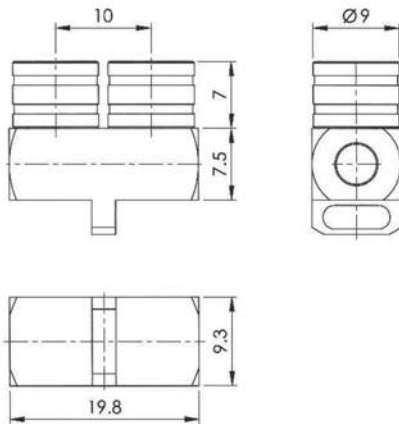
### BT435CU-XGGT75

BT43 JACK RIGHT ANGLE PCB MOUNT TYPE



### BT436CU-XGGT75

BT43 MALE TO MALE U-LINK ADAPTOR



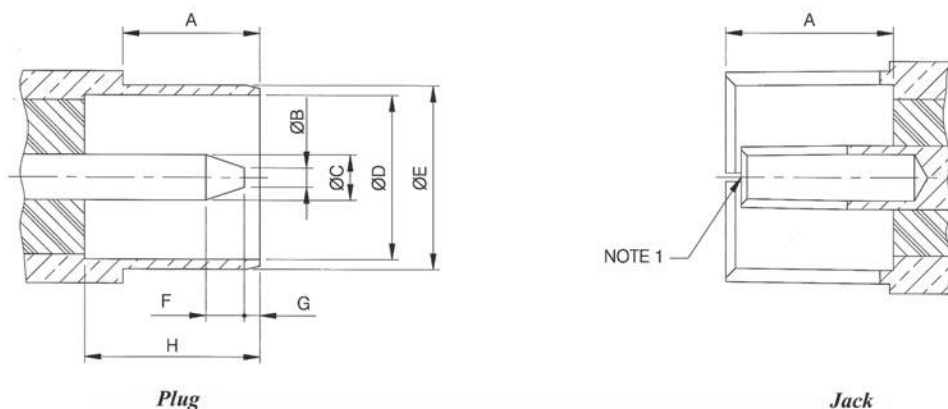
## EUROPEAN (IEC/PAL) SERIES CONNECTORS & ADAPTORS

European(PAL) connectors are developed for use on Phase Alternate Line TV antenna receiving . . . etc.

Countries using the PAL system include:

AUSTRALIA,AUSTRIA,BELGIUM,CHINA,DENMARK,FINLAND,GERMANY,  
GREAT BRITAIN,HOLLAND,HONG KONG,ITALY,KUWAIT,NEW ZEALAND,  
NORWAY,PORTUGAL,SINGAPORE,SPAIN,SWEDEN,SWITZERLAND,THAILAND...

### INTERFACE MATING DIMENSIONS



NOTE 1: I.D. TO MEET VSWR AND CONTACT RESISTANCE  
WHEN MATED WITH 2.4 MM DIA. PIN.

PLUG		
Letter	Millimeters	
	Minimum	Maximum
A	7.11	-
B	0.90	1.30
C	2.30	2.83
D	8.50	-
E	9.48	9.57
F	-	2.00
G	0.40	1.20
H	9.10	-

JACK		
Letter	Millimeters	
	Minimum	Maximum
A	7.54	-

## SPECIFICATIONS

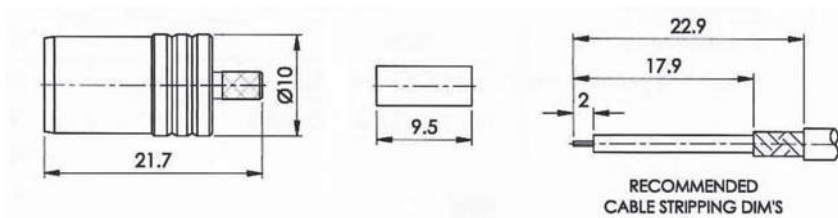
Electrical		
Impedance	75 ohm	
Frequency Range	0 - 1 GHz	
Working Voltage	500 VRMS max.	
Dielectric Withstanding Voltage	1500 VRMS min.	
VSWR	Straight	Not defined
	Right Angle	
Contact Resistance	Center Contact	5 Milliohms max.
	Outer Contact	2 Milliohms max.
Insulator Resistance	5000 Megohms min.	

Material		
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Nickel 70 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Nickel 70 micro-inches
	Female: Brass per QQ-B-626	Nickel 70 micro-inches
Insulators	Delrin	None
Crimp Ferrules	Annealed Brass	Nickel 70 micro-inches

## EUROPEAN (IEC/PAL) PLUG CRIMP TYPE (1)

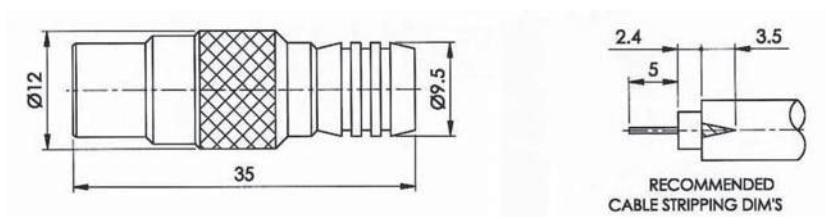
### P861CU-NNND75

PAL PLUG CRIMP TYPE  
FOR RG179/U, RG187A/U CABLE



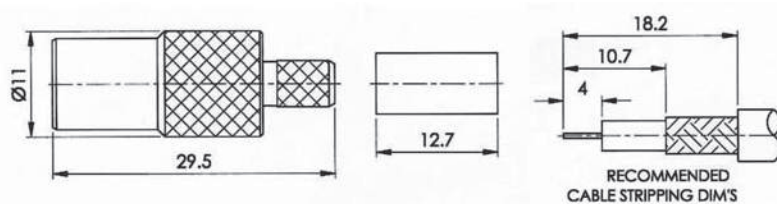
### P861CU-GNND75

PAL PLUG CRIMP TYPE  
FOR RG59/U CABLE



### P861CU-S3NND75

PAL PLUG CRIMP TYPE  
FOR 3C-2V CABLE



## ORDERING INFORMATION:

P/N P 8 6 1 C U - x N N N D 7 5  
2 3 4 5 6 7 8

2. CONNECTOR CODE:

P861

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"G" RG59/U

"N" RG179/U, RG187A/U

"S3" 3C-2V CABLE

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"N" NICKEL PLATED

7. INSULATION:

"D" DELRIN

8. IMPEDANCE:

"75" 75 OHMS

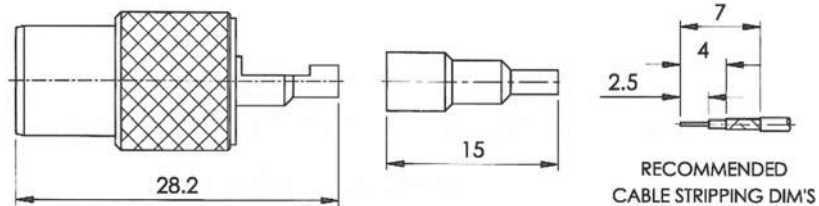
\*SEE PAGE H0002 FOR THE OTHERS!



## EUROPEAN (IEC/PAL) PLUG CRIMP TYPE (2)

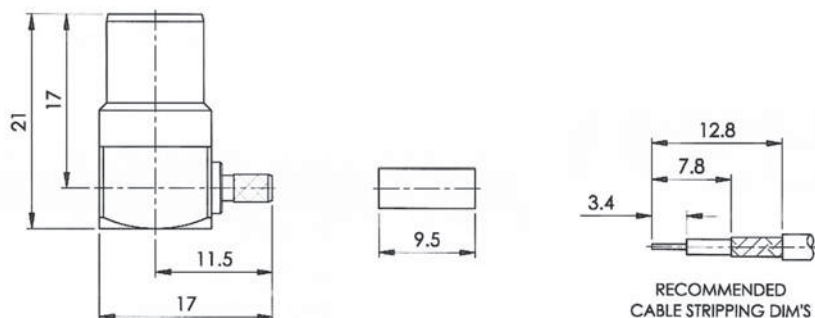
### P861CU-\*NND75

PAL PLUG CRIMP TYPE  
CABLE GROUP: M & 13



### P862CU-NNND75

PAL PLUG CRIMP RIGHT  
ANGLE TYPE



## ORDERING INFORMATION:

P/N PxxxCU - xNND75

2      3      4 5 6 7 8

2. CONNECTOR CODE:

P861, P862

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"13" 1.13MM, 1.32MM, 1.5MM

"M" RG178B/U, RG196A/U

"N" RG179/U, RG187A/U

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"N" NICKEL PLATED

7. INSULATION:

"D" DELRIN

8. IMPEDANCE:

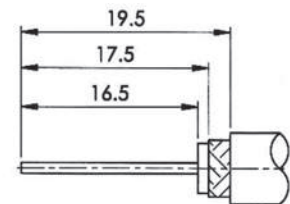
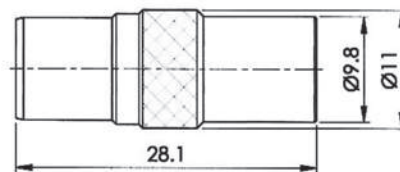
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## EUROPEAN (IEC/PAL) JACK/PLUG TWIST ON TYPE

### P865CU-\*NND75

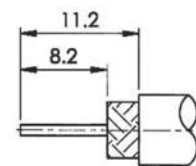
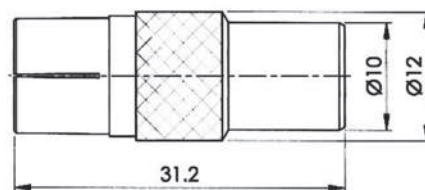
PAL PLUG TWIST ON TYPE  
CABLE GROUP: G & A



RECOMMENDED  
CABLE STRIPPING DIM'S

### P866CU-\*NND75

PAL JACK TWIST ON TYPE  
CABLE GROUP: G & A



RECOMMENDED  
CABLE STRIPPING DIM'S

## ORDERING INFORMATION:

P/N  $\frac{P}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{NND}{6} \frac{75}{78}$

2. CONNECTOR CODE:

P865, P866

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"A" RG6/U, B9248

"G" RG59/U, RG62/U

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"N" NICKEL PLATED

7. INSULATION:

"D" DELRIN

8. IMPEDANCE:

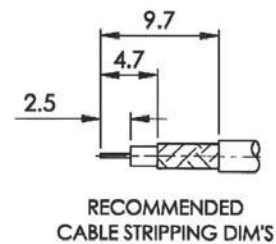
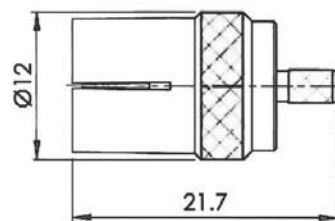
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## EUROPEAN (IEC/PAL) JACK CRIMP TYPE (1)

### P863CU-NNND75

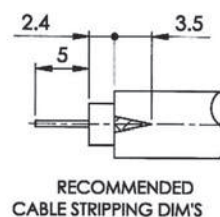
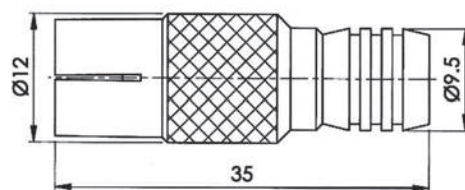
PAL JACK CRIMP TYPE  
FOR RG179/U, RG187A/U  
CABLE



RECOMMENDED  
CABLE STRIPPING DIM'S

### P863CU-GNND75

PAL JACK CRIMP TYPE  
FOR RG59/U CABLE



RECOMMENDED  
CABLE STRIPPING DIM'S

## ORDERING INFORMATION:

P/N P 8 6 3 C U - x N N N D 7 5  
2 3 4 5 6 7 8

2. CONNECTOR CODE:

P863

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"G" RG59/U, RG62/U

"N" RG179/U, RG187/U

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"N" NICKEL PLATED

7. INSULATION:

"D" DELRIN

8. IMPEDANCE:

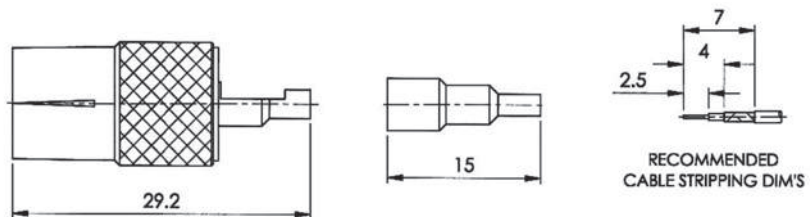
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## EUROPEAN (IEC/PAL) JACK CRIMP TYPE (2)

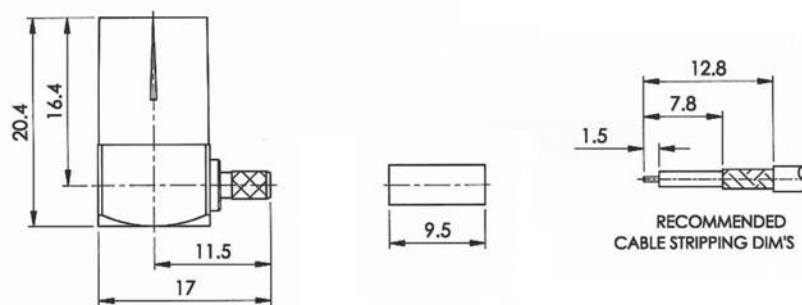
### P863CU-\*NND75

PAL JACK CRIMP TYPE  
CABLE GROUP: M & 13



### P864CU-NNND75

PAL JACK CRIMP RIGHT  
ANGLE TYPE FOR RG179/U,  
RG187A/U CABLE



## ORDERING INFORMATION:

P/N  $\frac{P}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{N}{6} \frac{N}{7} \frac{D}{8} \frac{75}{8}$

2. CONNECTOR CODE:

P863, P864

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"13" 1.13MM, 1.32MM, 1.5MM

"M" RG178B/U, RG196A/U

"N" RG179/U, RG187A/U

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"N" NICKEL PLATED

7. INSULATION:

"D" DELRIN

8. IMPEDANCE:

"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!



## EUROPEAN (IEC/PAL) PLUG SOLDER TYPE & PCB MOUNT TYPE

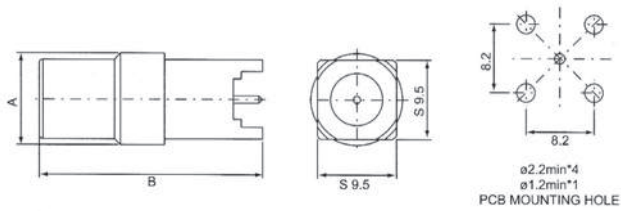
### P959CU-XNND75

A=11.0MM, B=26.8MM

### P960CU-XNND75

A=11.0MM, B=31.3MM

PAL PLUG STRAIGHT PCB MOUNT TYPE



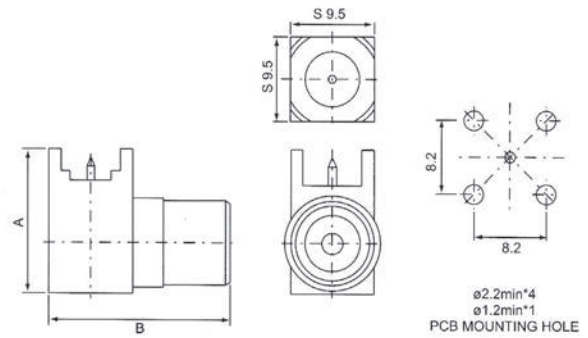
### P961CU-XNND75

A=16.0MM, B=20.5MM

### P962CU-XNND75

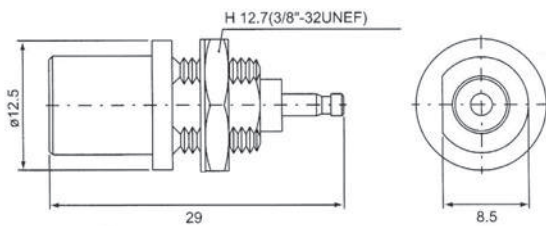
A=16.5MM, B=20.5MM

PAL PLUG RIGHT ANGLE PCB MOUNT TYPE



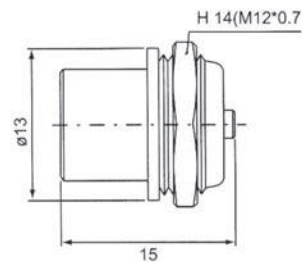
### P973CU-XNND75

PAL (TV) PLUG SOLDER BULKHEAD TYPE



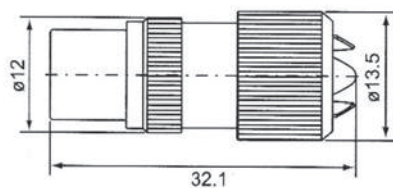
### P956CU-XNND75

PAL PLUG SOLDER BULKHEAD TYPE



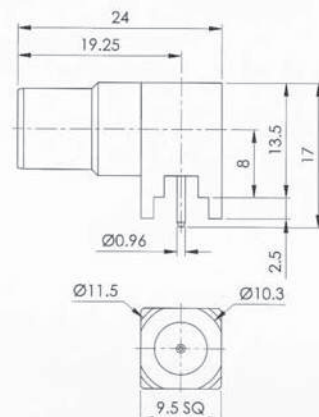
### P908CU-XNND75

PAL (TV) COAXIAL PLUG CLAMP TYPE



### P979CU-XNND75

PAL PLUG RIGHT ANGLE PCB MOUNT TYPE



## EUROPEAN (IEC/PAL) JACK PCB MOUNT TYPE

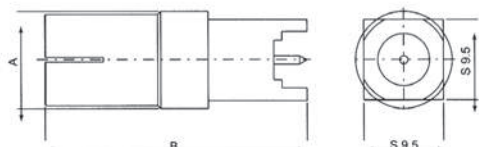
### P964CU-XNND75

A=11.5MM, B=26.8MM

### P965CU-XNND75

A=11.5MM, B=31.3MM

PAL JACK STRAIGHT PCB MOUNT TYPE



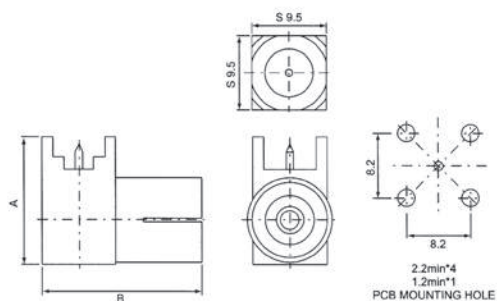
### P966CU-XNND75

A=16.0MM, B=20.5MM

### P967CU-XNND75

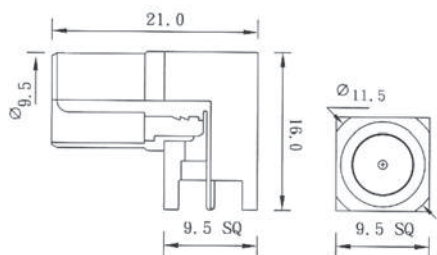
A=16.5MM, B=20.5MM

PAL JACK RIGHT ANGLE PCB MOUNT TYPE



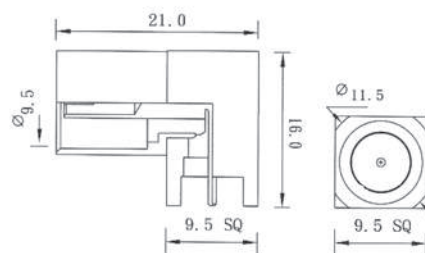
### P970CU-XNND75

PAL JACK RIGHT ANGLE PCB MOUNT TYPE



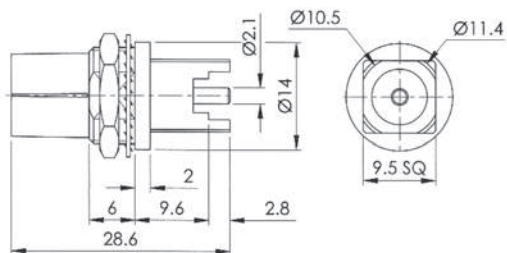
### P971CU-XNND75

PAL QUICK JACK RIGHT ANGLE PCB MOUNT TYPE



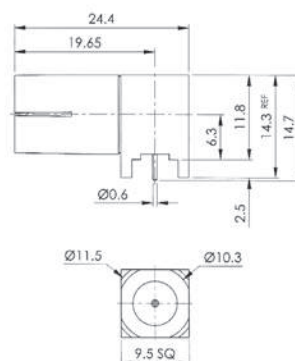
### P977CU-XNND75

PAL JACK STRAIGHT PCB MOUNT BULKHEAD TYPE



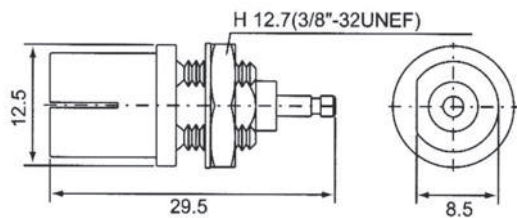
### P978CU-XNND75

PAL QUICK JACK RIGHT ANGLE PCB MOUNT TYPE

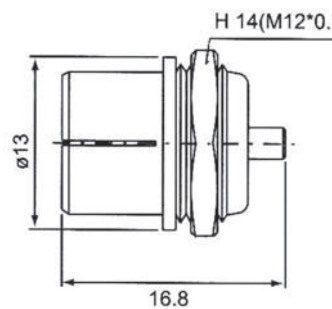


## EUROPEAN (IEC/PAL) JACKS

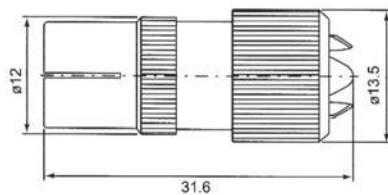
**P974CU-XNND75**  
PAL (TV) JACK BULKHEAD TYPE



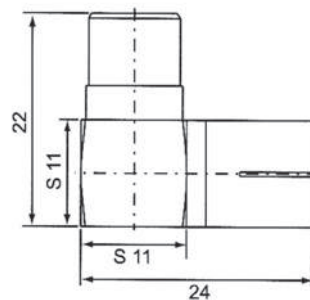
**P957CU-XNND75**  
PAL JACK SOLDER BULKHEAD TYPE



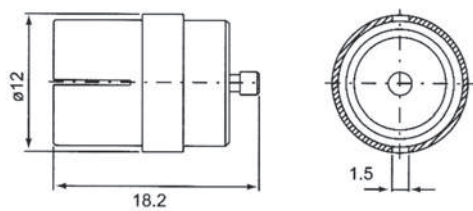
**P975CU-XNND75**  
PAL (TV) COAXIAL JACK CLAMP TYPE



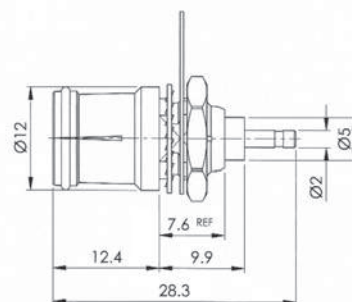
**P958CU-XNND75**  
PAL JACK RIGHT ANGLE SCREW-ON TYPE



**P976CU-XNND75**  
PAL JACK PCB MOUNT TYPE

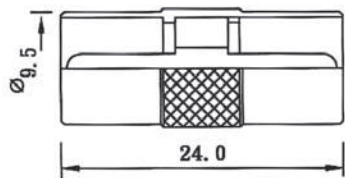


**P929CU-XNND75**  
PAL (TV) COAXIAL JACK BULKHEAD QUICK TYPE

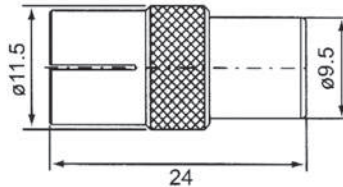


# EUROPEAN (PAL/IEC) TERMINATOR & ADAPTORS

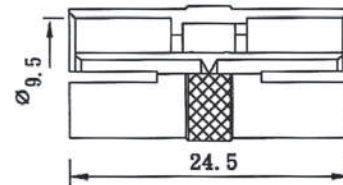
**P903CU-XNND75**  
PAL DOUBLE MALE



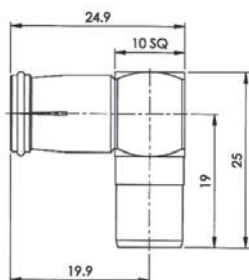
**P944CU-XNND75**  
PAL MALE TO PAL FEMALE



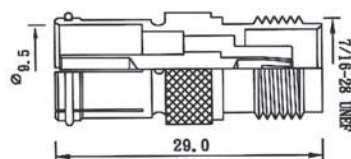
**P904CU-XNND75**  
PAL DOUBLE FEMALE



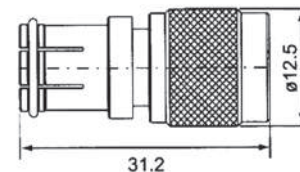
**P980CU-XNND75**  
PAL QUICK FEMALE  
TO PAL MALE  
RIGHT ANGLE TYPE



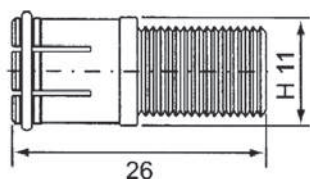
**P972CU-XNND75**  
PAL FEMALE TO  
TNC FEMALE



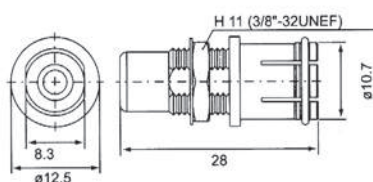
**P968CU-XNND75**  
PAL FEMALE TO  
TNC MALE



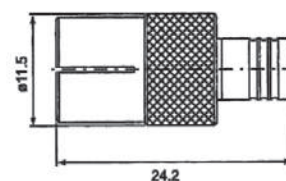
**F823CU-XNND75**  
PAL FEMALE TO F FEMALE



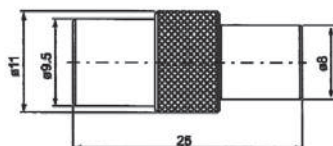
**P928CU-XNND75**  
PAL FEMALE TO  
RCA FEMALE  
BULKHEAD TYPE



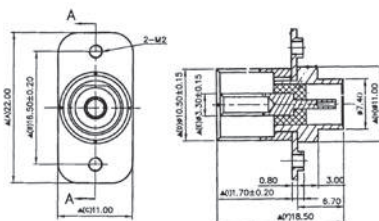
**SB349CU-XNGT75**  
SMB MALE TO  
EUROPEAN (PAL) FEMALE



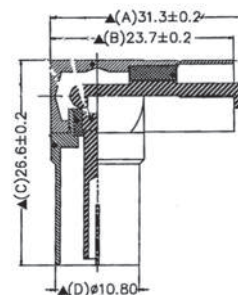
**P981CU-XNND75**  
PAL MALE TERMINATOR



**P869CU-XNND75**  
PAL MALE TO PAL FEMALE  
WITH SCREW MOUNT

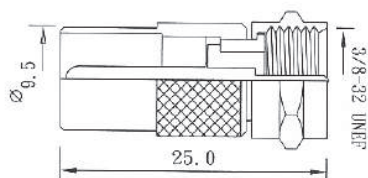


**P870CU-XNND75**  
PAL FEMALE TO RCA MALE  
RIGHT ANGLE TYPE

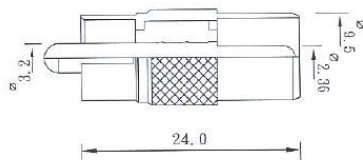


## EUROPEAN (PAL/IEC) TO F/RCA ADAPTORS

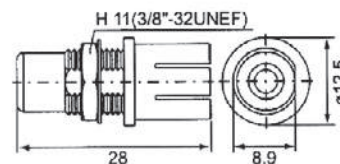
**F632CU-XNND75**  
PAL MALE TO F MALE



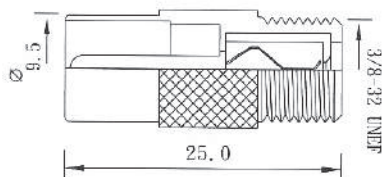
**P948CU-XNND75**  
PAL MALE TO RCA MALE



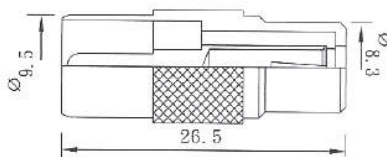
**P950CU-XNND75**  
PAL FEMALE TO F FEMALE  
BULKHEAD TYPE



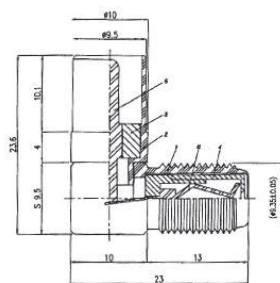
**F643CU-XNND75**  
PAL MALE TO F FEMALE



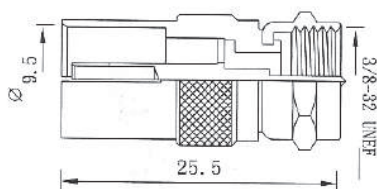
**P906CU-XNND75**  
PAL MALE TO  
RCA FEMALE



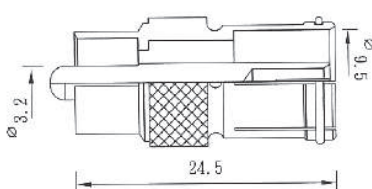
**P943CU-XNND75**  
PAL MALE TO F FEMALE  
RIGHT ANGLE TYPE



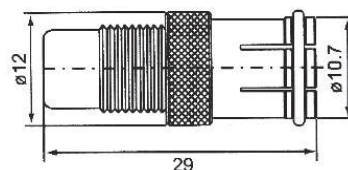
**F633CU-XNND75**  
PAL FEMALE TO F MALE



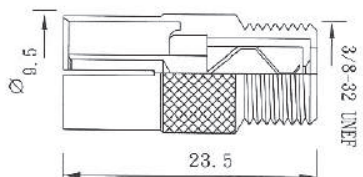
**P946CU-XNND75**  
PAL FEMALE TO  
RCA MALE



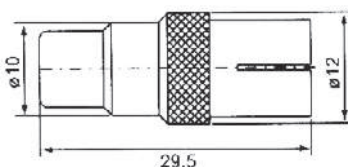
**P910CU-XNND75**  
PAL QUICK FEMALE TO  
RCA FEMALE



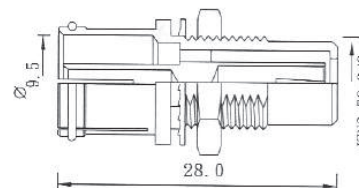
**F635CU-XNND75**  
PAL FEMALE TO F FEMALE



**P945CU-XNND75**  
PAL FEMALE TO  
RCA FEMALE



**P928CU-XNND75**  
PAL QUICK FEMALE TO  
RCA FEMALE BULKHEAD TYPE

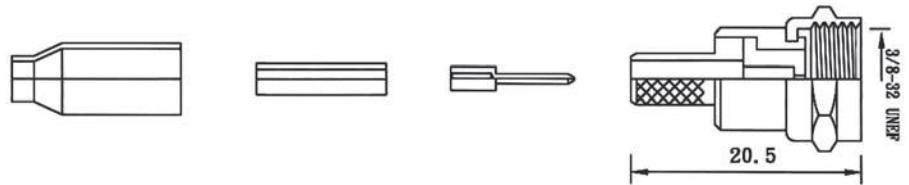




## F PLUG CRIMP TYPE (1)

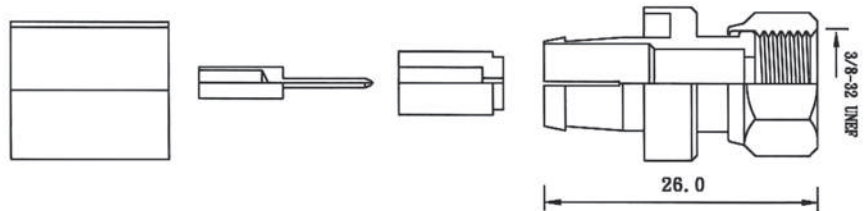
### F720CU-\*NND75

F PLUG CRIMP TYPE  
FOR RG6, 58, 59, 174, 179/U  
CABLE (CODE: A, F, G, L, N)



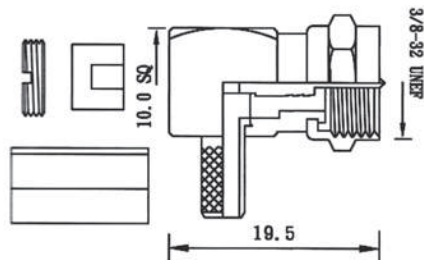
### F601CU-\*NND75

F PLUG CRIMP TYPE  
FOR RG11, 213, 214/U  
CABLE (CODE: D, B, C)



### F711CU-\*NND75

F PLUG CRIMP RIGHT  
ANGLE TYPE FOR RG58,  
59, 174, 179/U CABLE  
(CODE: F, G, L, N)



## ORDERING INFORMATION:

P/N  $\frac{F}{2} \frac{x}{3} \frac{x}{4} \frac{x}{5} \frac{C}{6} \frac{U}{7} - \frac{x}{8} \frac{N}{5} \frac{N}{6} \frac{D}{7} \frac{7}{8} \frac{5}{8}$

2. CONNECTOR CODE:

F720, F601, F711

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"L" RG174/U, RG316/U

"N" RG179/U, RG187/U

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"N" NICKEL PLATED

7. INSULATION:

"D" DELRIN

8. IMPEDANCE:

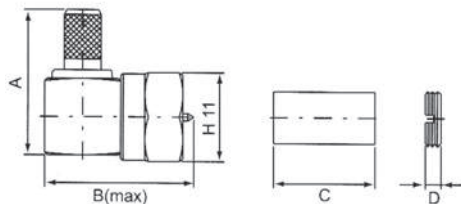
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## F PLUG CRIMP TYPE (2)

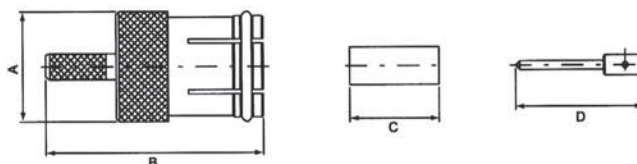
### F724CU-\*NND75

F QUICK PLUG CRIMP TYPE  
FOR RG6, 58, 59, 174/U CABLE  
(CODE: A, F, G, L)



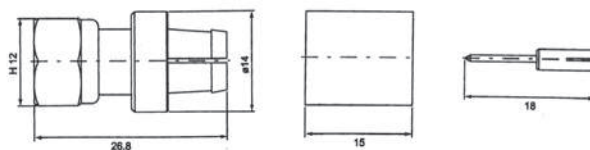
### F730CU-\*NND75

F PLUG CRIMP RIGHT ANGLE  
TYPE FOR RG58, 59, 174/U CABLE  
(CODE: F, G, L)



### F645CU-DNND75

F PLUG DUPLEX CRIMP TYPE  
FOR RG11/U CABLE



## ORDERING INFORMATION:

P/N  $\frac{F}{2} \frac{x}{3} \frac{x}{4} \frac{x}{5} \frac{C}{6} \frac{U}{7} - \frac{x}{8} \frac{N}{5} \frac{N}{6} \frac{D}{7} \frac{7}{8} \frac{5}{8}$

2. CONNECTOR CODE:

F724, F730, F645

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"L" RG174/U, RG316/U

"A" RG6/U

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"N" NICKEL PLATED

7. INSULATION:

"D" DELRIN

8. IMPEDANCE:

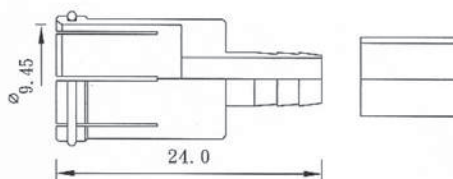
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## F PLUG CRIMP TYPE (3)

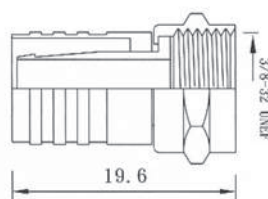
### F658CU-\*NND75

F QUICK PLUG CRIMP TYPE  
FOR RG58, 59/U CABLE  
(CODE: F, G)



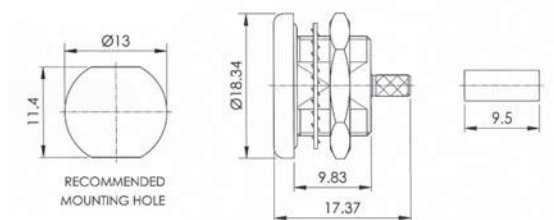
### F718CU-\*NND75

F PLUG ATTACHED CRIMP TYPE  
FOR RG58, 59, 6/U CABLE  
(CODE: F, G, A)



### F898CU-NNND75

F PLUG BULKHEAD CRIMP TYPE FOR  
RG179/U, RG187A/U CABLE



## ORDERING INFORMATION:

P/N F x x x C U - x N N D 7 5  
2 3 4 5 6 7 8

2. CONNECTOR CODE:

F658, F718, F898

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"A" RG6/U

"N" RG179/U

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"N" NICKEL PLATED

7. INSULATION:

"D" DELRIN

8. IMPEDANCE:

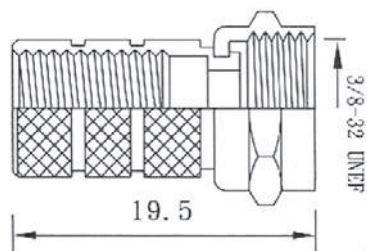
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## F PLUG TWIST-ON TYPE

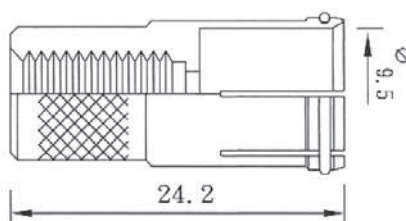
### F611CU-\*NND75

F PLUG TWIST-ON TYPE  
FOR RG58, 59, 6, 11, 213/U CABLE  
(CODE: F, G, A, D, B)



### F622CU-\*NND75

F QUICK PLUG TWIST-ON  
TYPE FOR RG58, 59, 6/U CABLE  
(CODE: F, G, A)



## ORDERING INFORMATION:

P/N  $\frac{F}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{N}{6} \frac{N}{7} \frac{D}{8} \frac{75}{8}$

2. CONNECTOR CODE:

F611, F622

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"A" RG6/U, RG222/U

"B" RG213/U, RG8/U

"D" RG11/U

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"N" NICKEL PLATED

7. INSULATION:

"D" DELRIN

8. IMPEDANCE:

"75" 75 OHMS

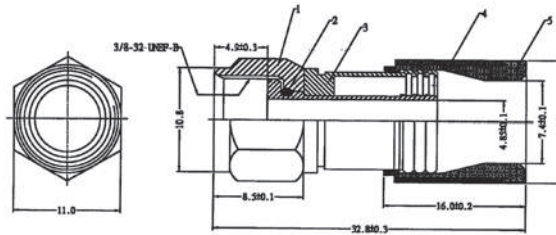
\*SEE PAGE H0002 FOR THE OTHERS!

## F PLUG/JACK COMPRESSION TYPE & CRIMP TYPE

### F991CU-ANND75U

F PLUG COMPRESSION TYPE  
FOR RG6/U CABLE BLUE CODED

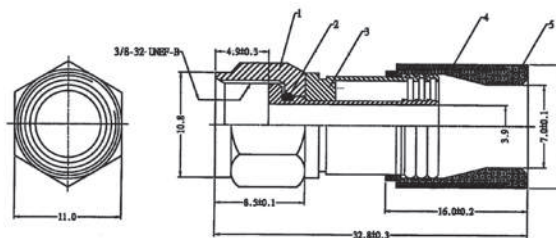
HAND CRIMPING TOOL: P/N HT-H510B



### F991CU-GNND75R

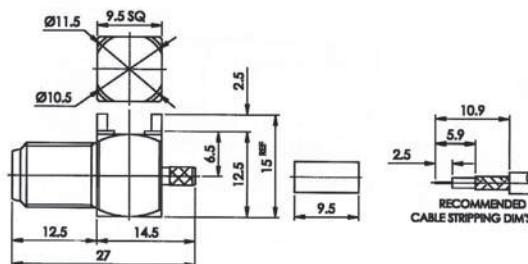
F PLUG COMPRESSION TYPE  
FOR RG59/U CABLE RED CODED

HAND CRIMPING TOOL: P/N HT-H510B



### F899CU-V7NND75

F JACK PCB MOUNT CRIMP TYPE  
FOR RG179U/D CABLE



## ORDERING INFORMATION:

P/N  $\frac{F}{2} \frac{x}{3} \frac{x}{4} \frac{x}{5} \frac{C}{6} \frac{U}{7} - \frac{x}{8} \frac{N}{5} \frac{N}{6} \frac{D}{7} \frac{7}{8} \frac{5}{8}$

2. CONNECTOR CODE:

F991, F899

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"A" RG6/U

"G" RG59/U

"U6" RG6/U QUAD

"V7" RG179/U DOUBLE BRAID

"N" RG179/U, RG187/U

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"N" NICKEL PLATED

7. INSULATION:

"D" DELRIN

8. IMPEDANCE:

"75" 75 OHMS

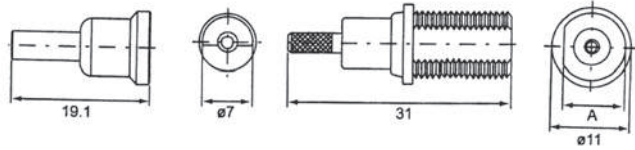
\*SEE PAGE H0002 FOR THE OTHERS!



## F JACK CRIMP TYPE (1)

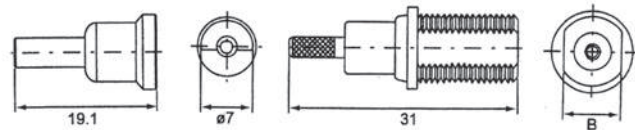
### F736CU-\*NND75

F JACK CRIMP TYPE A=8.5MM  
FOR RG6, 58, 59, 174, 178, 179/U CABLE  
(CODE: A, F, G, L, M, N)



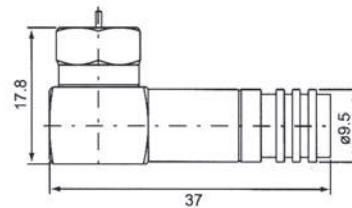
### F737CU-\*NND75

F JACK CRIMP TYPE B=7.7MM  
FOR RG6, 58, 59, 174, 178, 179/U CABLE  
(CODE: A, F, G, L, M, N)



### F687CU-\*NND75

F JACK CRIMP RIGHT ANGLE TYPE  
FOR RG6, 58, 59/U CABLE  
(CODE: A, F, G)



## ORDERING INFORMATION:

P/N  $\frac{F}{2} \frac{x}{3} \frac{x}{4} \frac{x}{5} \frac{C}{6} \frac{U}{7} - \frac{x}{8} \frac{N}{9} \frac{N}{10} \frac{D}{11} \frac{7}{12} \frac{5}{13}$

2. CONNECTOR CODE:

F736, F737, F687

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"L" RG174/U, RG316/U

"N" RG179/U, RG187/U

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"N" NICKEL PLATED

7. INSULATION:

"D" DELRIN

8. IMPEDANCE:

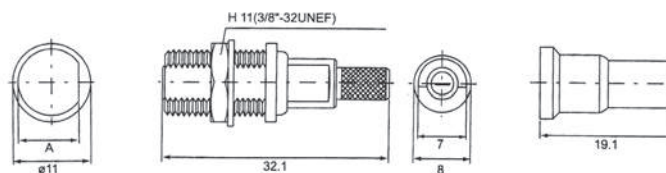
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## F JACK CRIMP TYPE (2)

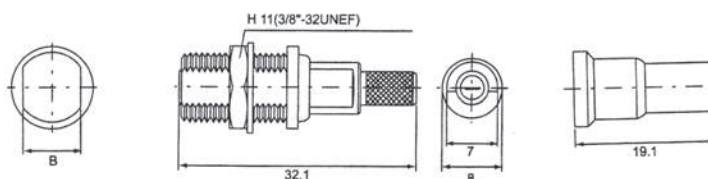
### F763CU-\*NND75

F JACK CRIMP A=8.5MM  
BULKHEAD TYPE  
FOR RG6, 58, 59, 174, 178, 179/U  
CABLE (CODE: A, F, G, L, M, N)



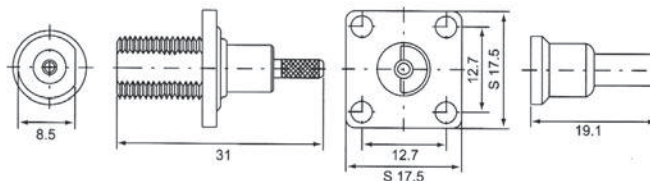
### F764CU-\*NND75

F JACK CRIMP B=7.7MM  
BULKHEAD TYPE  
FOR RG6, 58, 59, 174, 178, 179/U  
CABLE (CODE: A, F, G, L, M, N)



### F740CU-\*NND75

F JACK CRIMP PANEL MOUNT  
TYPE FOR RG174, 179/U CABLE  
(CODE: L, N)



## ORDERING INFORMATION:

P/N FxxxCU - xNND75

2. CONNECTOR CODE:

F763, F764, F740

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"L" RG174/U, RG316/U

"N" RG179/U, RG187/U

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"N" NICKEL PLATED

7. INSULATION:

"D" DELRIN

8. IMPEDANCE:

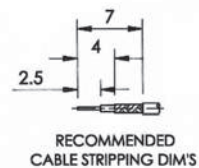
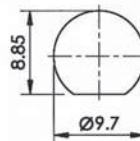
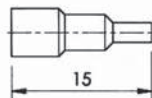
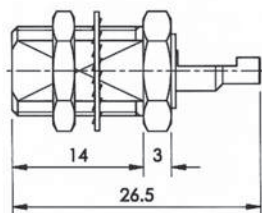
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## F JACK CRIMP TYPE (3)

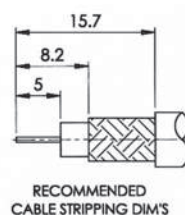
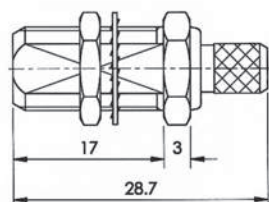
### F708CU-48NND75

F JACK CRIMP BULKHEAD  
TYPE FOR 1.48MM CABLE



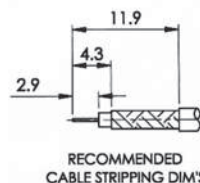
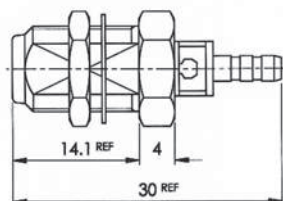
### F709CU-\*NND75

F JACK CRIMP BULKHEAD  
TYPE FOR RG59/U & RG6/U  
CABLE (CODE: G, A)



### F710CU-\*NND75

F JACK CRIMP BULKHEAD TYPE  
FOR RG179/U & RG179U/D CABLE  
(CODE: N, V7)



## ORDERING INFORMATION:

P/N  $\frac{F}{2} \frac{x}{3} \frac{x}{4} \frac{x}{5} \frac{C}{6} \frac{U}{7} - \frac{x}{8} \frac{N}{5} \frac{N}{6} \frac{D}{7} \frac{7}{8} \frac{5}{8}$

2. CONNECTOR CODE:

F708, F709, F710

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"A" RG6/U

"G" RG59/U, B9248

"N" RG179/U, RG187/U

"V7" RG179/U DOUBLE BRAID

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"N" NICKEL PLATED

7. INSULATION:

"D" DELRIN

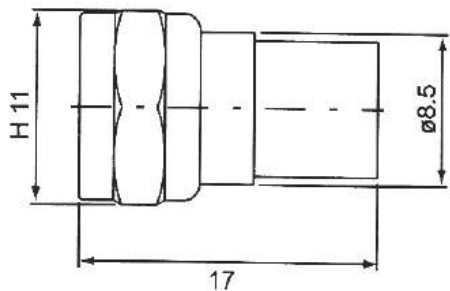
8. IMPEDANCE:

"75" 75 OHMS

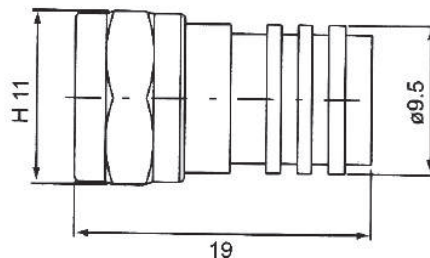
\*SEE PAGE H0002 FOR THE OTHERS!

## F PLUG WITH ATTACHED GRIP RING & TWIST-ON TYPE

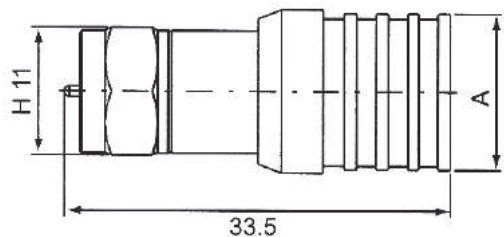
**F726CU-FNND75** (RG58U)  
**F726CU-GNND75** (RG59U)  
 F PLUG WITH  
 ATTACHED GRIP RING



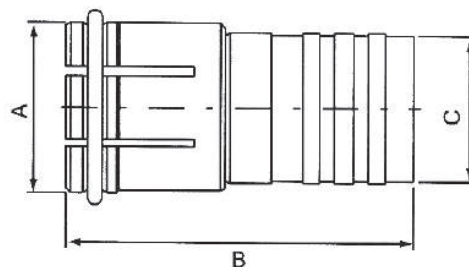
**F727CU-FNND75** (RG58U)  
**F727CU-GNND75** (RG59U)  
**F727CU-ANND75** (RG6U)  
 F PLUG WITH  
 ATTACHED GRIP RING



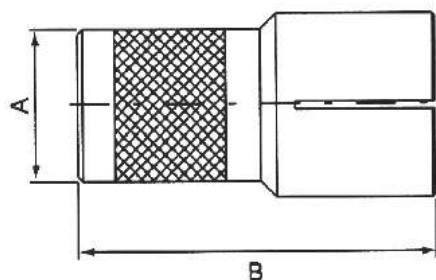
**F728CU-BNND75** (A=13.5MM)  
**F729CU-BNND75** (A=14.0MM)  
 F PLUG FOR RG213U CABLE  
 WITH ATTACHED GRIP RING



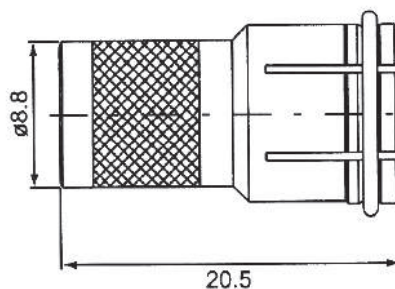
**F610CU-FNND75** (RG58U)  
**F610CU-GNND75** (RG59U)  
**F610CU-ANND75** (RG6U)  
 F PLUG WITH  
 ATTACHED GRIP RING



**F621CU-FNND75** (RG58U)  
**F621CU-GNND75** (RG59U)  
**F621CU-ANND75** (RG6U)  
 F QUICK PLUG TWIST ON TYPE  
 A=8.8MM, B=20.5MM



**F647CU-FNND75** (RG58U)  
**F647CU-GNND75** (RG59U)  
**F647CU-ANND75** (RG6U)  
 F QUICK PLUG TWIST ON TYPE  
 A=8.8MM, B=20.5MM



## F JACK BULKHEAD SOLDER TYPE

### F673CU-XNND75

W/O NUT & WASHER

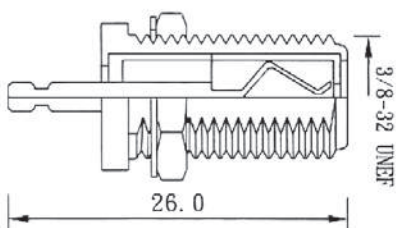
### F607CU-XNND75

WITH NUT & WASHER

F JACK BULKHEAD SOLDER

REAR MOUNT TYPE

LENGTH=26.0MM



### F613CU-XNND75

W/O NUT & WASHER

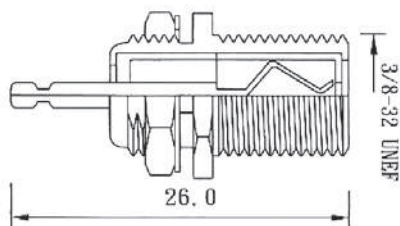
### F672CU-XNND75

WITH NUT & WASHER

F JACK BULKHEAD

SOLDER FRONT MOUNT TYPE

L=26.0MM (F-61)



### F807CU-XNND75

A=20.5MM W/O N+W

### F808CU-XNND75

A=20.5MM WITH N+W

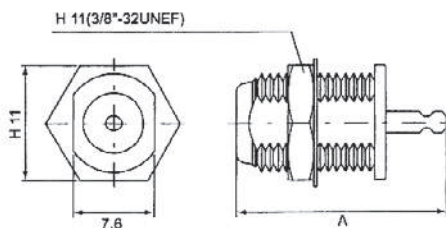
### F809CU-XNND75

A=18.5MM W/O N+W

### F810CU-XNND75

A=18.5MM WITH N+W

F JACK BULKHEAD SOLDER TYPE



### F741CU-XNND75

### F742CU-XNND75

### F743CU-XNND75

### F744CU-XNND75

### F745CU-XNND75

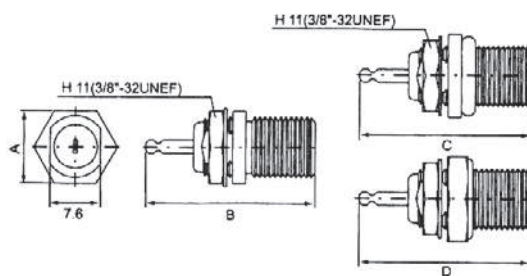
### F746CU-XNND75

### F747CU-XNND75

### F748CU-XNND75

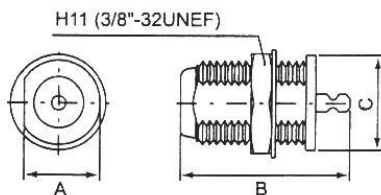
### F749CU-XNND75

F JACK BULKHEAD SOLDER FRONT MOUNT TYPE



### F\*\*\*CU-XNND75

F JACK BULKHEAD TYPE



PART NO.	A	B	C	NOTE
F757**	8.4	18.5	10.5	WITHOUT NUT & WASHER
F758**	8.4	18.5	10.5	WITH NUT & WASHER
F759**	8.4	18.8	10.0	WITHOUT NUT & WASHER
F760**	8.4	18.8	10.0	WITH NUT & WASHER
F761**	8.5	19.0	10.5	WITHOUT NUT & WASHER
F762**	8.5	19.0	10.5	WITH NUT & WASHER

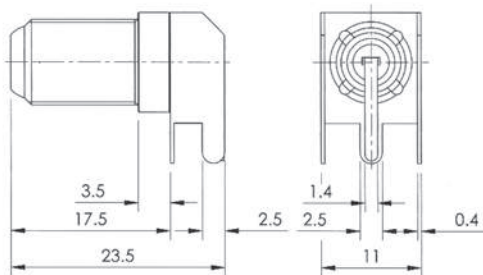
PART NO	A	B	C	D	NOTE
F741**	11	26.1	-----	-----	WITHOUT NUT & WASHER
F742**					WITH NUT & WASHER
F743**	11	19	-----	-----	WITHOUT NUT & WASHER
F744**					WITH NUT & WASHER
F745**	11	21.3	-----	-----	WITHOUT NUT & WASHER
F746**					WITHOUT NUT & WASHER
F747**	12.7	-----	25.8	-----	WITH NUT & WASHER
F748**					WITHOUT NUT & WASHER
F749**	13	-----	-----	26	WITH NUT & WASHER



## F JACK PCB MOUNT TYPE & END LAUNCH TYPE

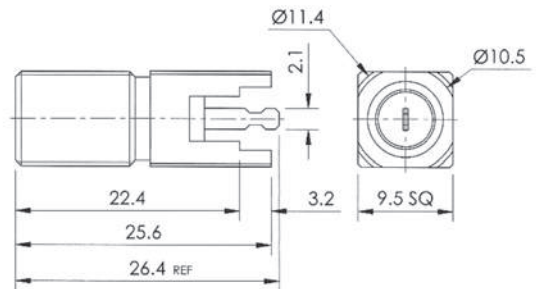
### F892CU-XNND75

F JACK RIGHT ANGLE PCB MOUNT TYPE



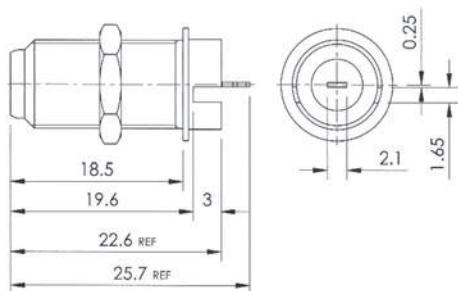
### F893CU-XNND75

F JACK SOLDER PCB MOUNT TYPE



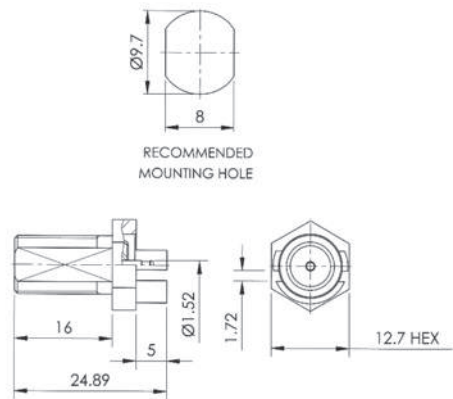
### F894CU-XNND75

F JACK END LAUNCH TYPE



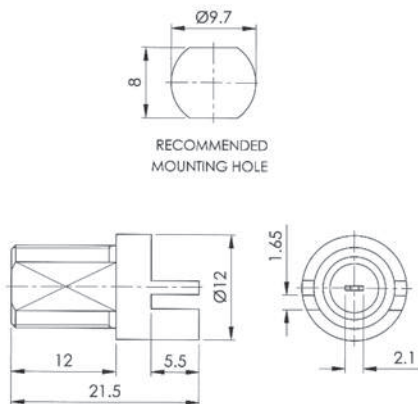
### F895CU-XNND75

F JACK END LAUNCH TYPE



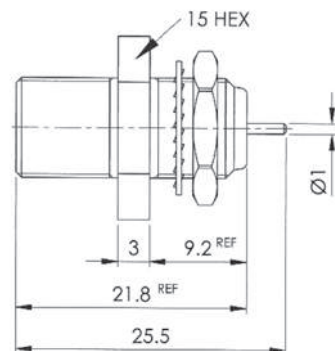
### F896CU-XNND75

F JACK END LAUNCH BULKHEAD TYPE



### F897CU-XNND75

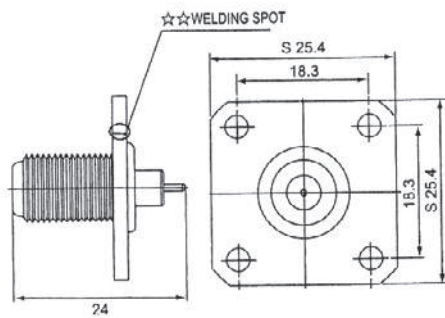
F JACK BULKHEAD TYPE



## F SOLDER JACK & PROTECTIVE CAP

### F751CU-XNND75

F JACK SOLDER PANEL MOUNT TYPE

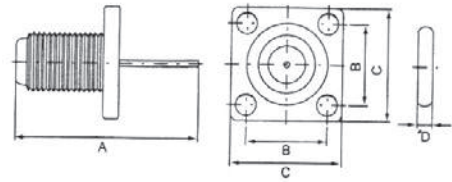


### F804CU-XNND75

F805CU-XNND75

F806CU-XNND75

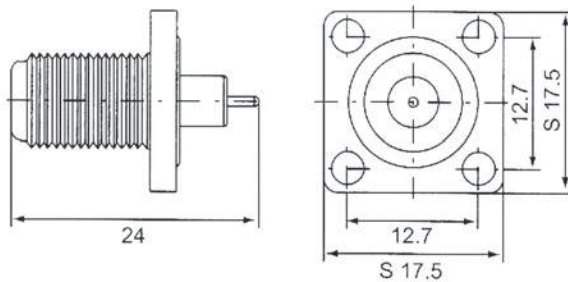
F JACK PANEL MOUNT SOLDER TYPE



PART NO.	A	B	C	D
F804**	31.9	18.3	25.4	-----
F805**	28.6	12.7	17.5	1.8
F806**	31	12.7	17.5	-----

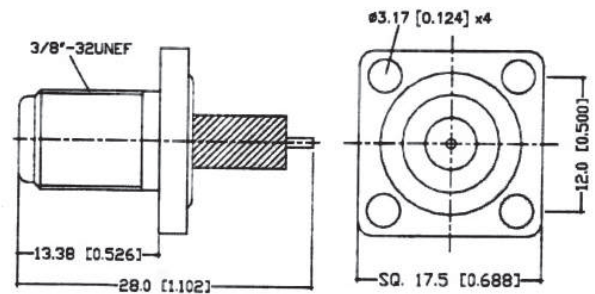
### F750CU-XNND75

F JACK SOLDER PANEL MOUNT TYPE



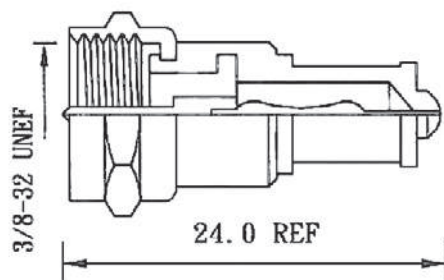
### F866CU-XNND75

F JACK PANEL MOUNT TYPE WITH EXPOSED TEFLON



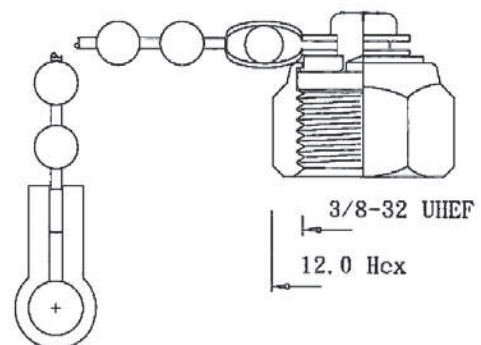
### F617CU-XNND75

F PLUG TERMINATOR 75Ω



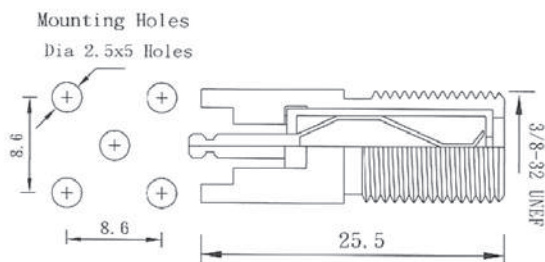
### F618CU-XNXX

F PROTECTIVE CAP WITH CHAIN FOR F JACK

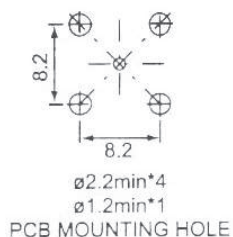
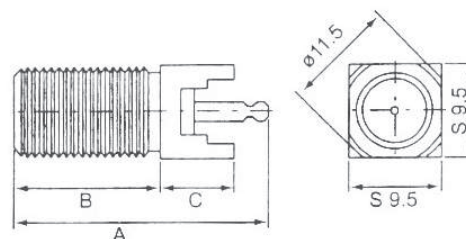


## F JACK STRAIGHT PCB MOUNT TYPE

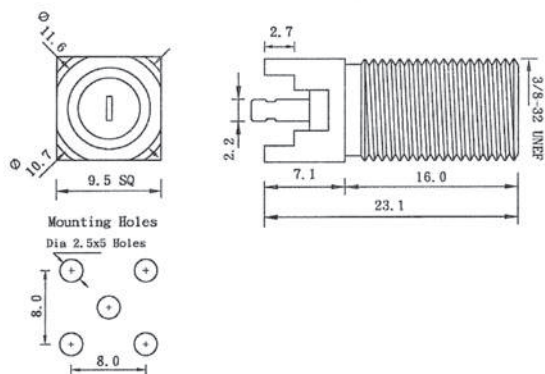
**F602CU-XNND75**  
W/O NUT & WASHER  
**F832CU-XNND75**  
WITH NUT & WASHER  
F JACK PCB MOUNT TYPE  
LENGTH=25.5MM



**F774CU-XNND75**  
**F775CU-XNND75**  
**F776CU-XNND75**  
**F777CU-XNND75**  
F JACK STRAIGHT PCB MOUNT TYPE

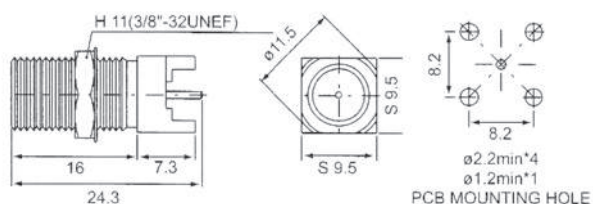


**F603CU-XNND75**  
W/O NUT & WASHER  
**F833CU-XNND75**  
WITH NUT & WASHER  
F JACK PCB MOUNT TYPE  
LENGTH=23.1MM

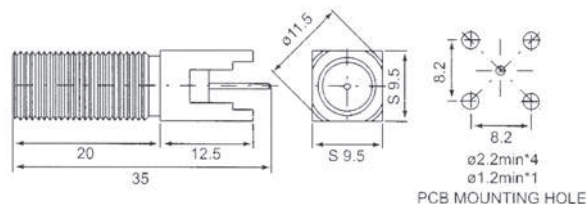


PART NO.	A	B	C
F774**	26.2	13	12.5
F775**	26.2	15	7.6
F776**	27.8	20.2	7.6
F777**	22.5	15	7.5

**F781CU-XNND75**  
F JACK STRAIGHT PCB MOUNT TYPE



**F780CU-XNND75**  
F JACK STRAIGHT PCB MOUNT TYPE



## F JACK RIGHT ANGLE PCB MOUNT TYPE

### F604CU-XNND75

W/O NUT & WASHER

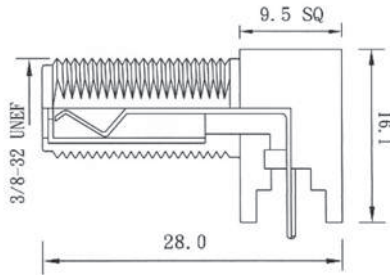
### F834CU-XNND75

WITH NUT & WASHER

F JACK PCB MOUNT

R/A TYPE (SO-238)

LENGTH=28.0MM



### F\*\*\*CU-XNND75

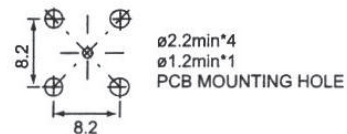
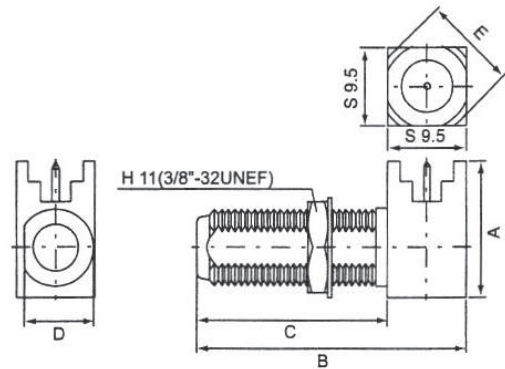
F JACK RIGHT ANGLE PCB MOUNT TYPE

PART NO:

F789, F790, F791, F792,

F793, F794, F795, F796,

F797, F798, F799, F800



### F702CU-XNND75

W/O NUT & WASHER

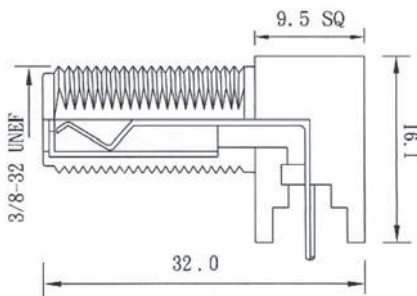
### F701CU-XNND75

WITH NUT & WASHER

F JACK PCB MOUNT

R/A TYPE (SO-238)

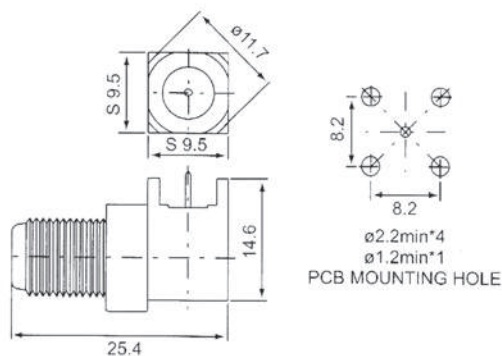
LENGTH=32MM



PART NO.	A	B	C	D	E	NOTE
F789**	16.5	32.5	23	8.5	11.6	WITHOUT NUT & WASHER
F790**				-----		WITH NUT & WASHER
F791**	16.5	24	14.5	-----	11.6	WITHOUT NUT & WASHER
F792**				-----		WITHOUT NUT & WASHER
F793**	16.5	28	18.5	-----	11.8	WITH NUT & WASHER
F794**	16.5	28	18.5	8.5	11.6	WITH NUT & WASHER
F795**						WITHOUT NUT & WASHER
F796**	16.5	28	18.5	8.5	11.8	WITH NUT & WASHER
F797**						WITHOUT NUT & WASHER
F798**	14.2	35.8	26.3	8.5	11.6	WITH NUT & WASHER
F799**						WITHOUT NUT & WASHER
F800**	16.5	45.75	36.25	8.5	11.8	WITH NUT & WASHER

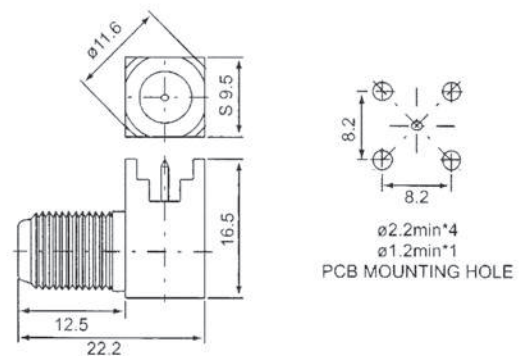
### F786CU-XNND75

F JACK RIGHT ANGLE PCB MOUNT TYPE



### F801CU-XNND75

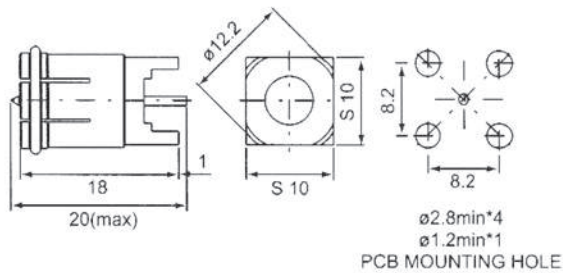
F JACK RIGHT ANGLE PCB MOUNT TYPE



## F PLUG SOLDER TYPE & PCB MOUNT TYPE

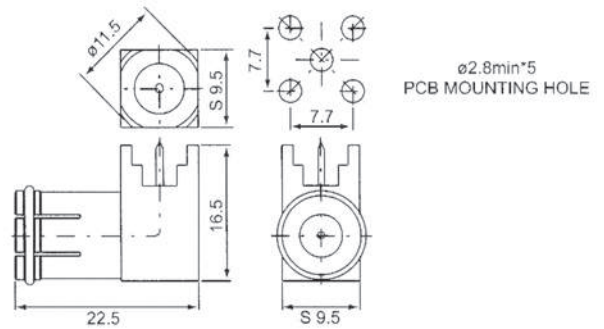
### F768CU-XNND75

F QUICK PLUG STRAIGHT PCB MOUNT TYPE



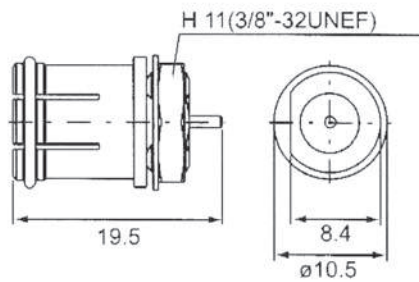
### F773CU-XNND75

F QUICK PLUG RIGHT ANGLE PCB MOUNT TYPE



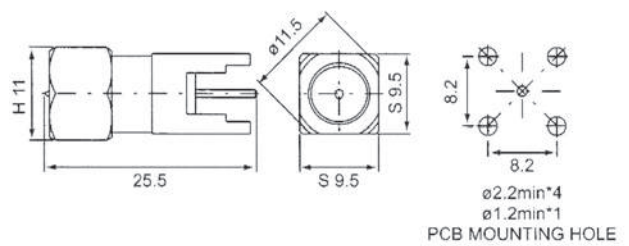
### F769CU-XNND75

F QUICK PLUG SOLDER TYPE



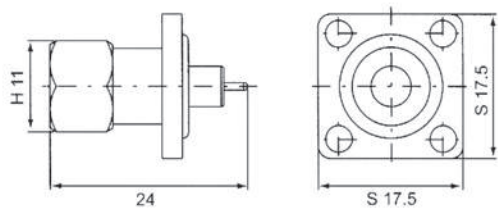
### F770CU-XNND75

F PLUG STRAIGHT PCB MOUNT TYPE



### F734CU-XNND75

F PLUG SOLDER PANEL MOUNT TYPE

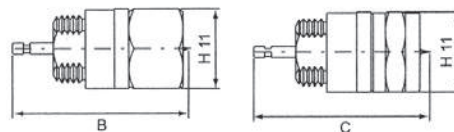


### F731CU-XNND75

F732CU-XNND75

F733CU-XNND75

F PLUG SOLDER BULKHEAD TYPE

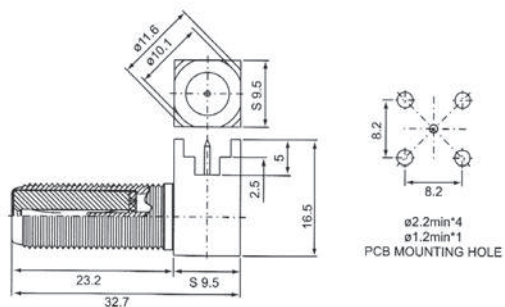


PART NO.	A	B	C
F731**	7.6	24.4	----
F732**	7.6	----	24.4
F733**	7.4	----	24.4

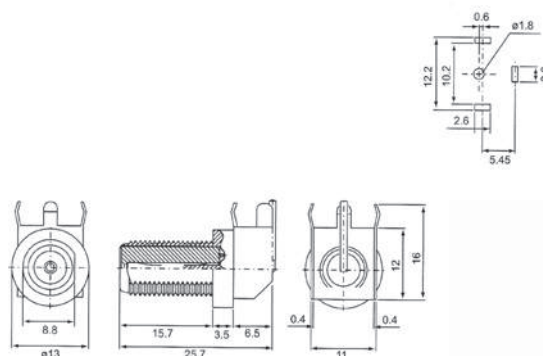


# HIGH FREQUENCY (1~2GHz) F JACKS & ADAPTORS (1)

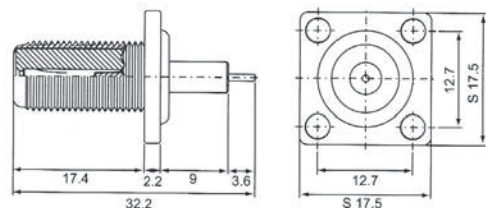
**F301CU-XNGD75**  
W/O NUT & WASHER  
**F401CU-XNGD75**  
WITH NUT & WASHER  
F JACK PCB MOUNT RIGHT  
ANGLE TYPE



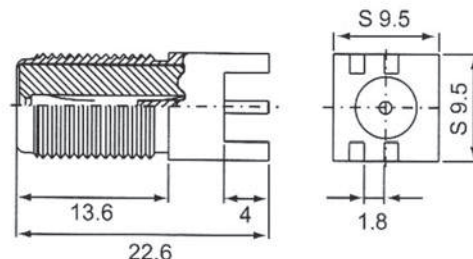
**F302CU-XNGD75**  
W/O NUT & WASHER  
**F402CU-XNGD75**  
WITH NUT & WASHER  
F JACK PCB MOUNT RIGHT  
ANGLE TYPE



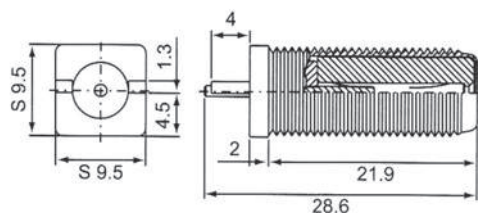
**F303CU-XNGD75**  
W/O NUT & WASHER  
**F403CU-XNGD75**  
WITH NUT & WASHER  
F JACK SOLDER PANEL MOUNT TYPE



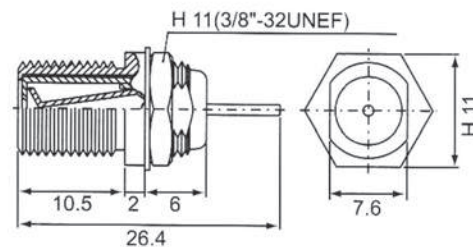
**F304CU-XNGD75**  
W/O NUT & WASHER  
**F404CU-XNGD75**  
WITH NUT & WASHER  
F JACK PCB MOUNT TYPE



**F305CU-XNGD75**  
W/O NUT & WASHER  
**F405CU-XNGD75**  
WITH NUT & WASHER  
F JACK PCB MOUNT TYPE



**F306CU-XNGD75**  
W/O NUT & WASHER  
**F406CU-XNGD75**  
WITH NUT & WASHER  
F JACK SOLDER BULKHEAD TYPE



## HIGH FREQUENCY (1~2GHz) F JACKS & ADAPTORS (2)

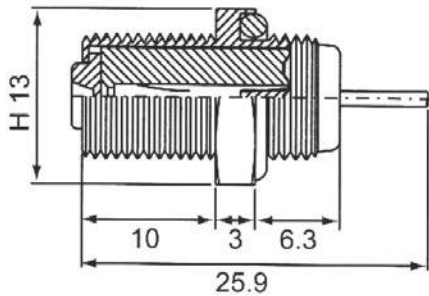
### F307CU-XNGD75

W/O NUT & WASHER

### F407CU-XNGD75

WITH NUT & WASHER

F JACK SOLDER BULKHEAD TYPE



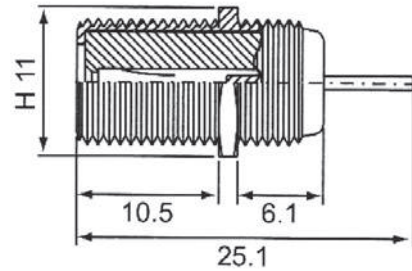
### F311CU-XNGD75

W/O NUT & WASHER

### F411CU-XNGD75

WITH NUT & WASHER

F JACK SOLDER BULKHEAD TYPE



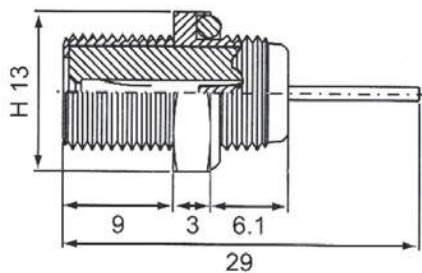
### F312CU-XNGD75

W/O NUT & WASHER

### F412CU-XNGD75

WITH NUT & WASHER

F JACK SOLDER BULKHEAD TYPE



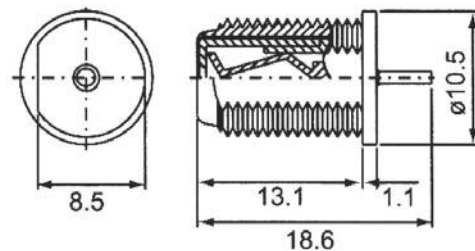
### F317CU-XNGD75

W/O NUT & WASHER

### F417CU-XNGD75

WITH NUT & WASHER

F JACK SOLDER TYPE



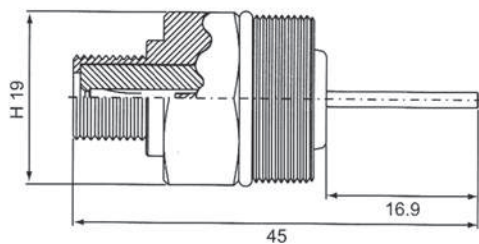
### F310CU-XNGD75

W/O NUT & WASHER

### F410CU-XNGD75

WITH NUT & WASHER

F JACK SOLDER TYPE



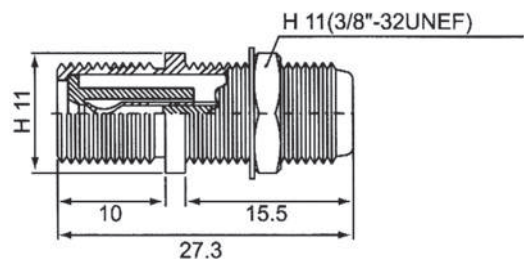
### F321CU-XNGD75

W/O NUT & WASHER

### F421CU-XNGD75

WITH NUT & WASHER

F DOUBLE JACK BULKHEAD TYPE



## HIGH FREQUENCY (1~2GHz) F JACKS & ADAPTORS (3)

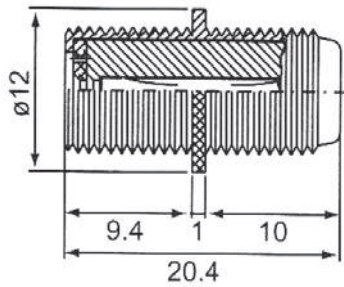
### F308CU-XNGD75

W/O NUT & WASHER

### F408CU-XNGD75

WITH NUT & WASHER

F DOUBLE JACK BULKHEAD TYPE



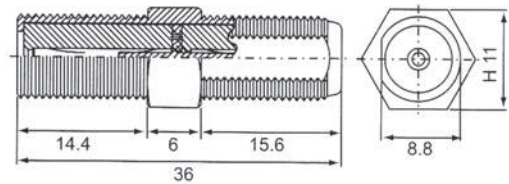
### F309CU-XNGD75

W/O NUT & WASHER

### F409CU-XNGD75

WITH NUT & WASHER

F DOUBLE JACK BULKHEAD TYPE



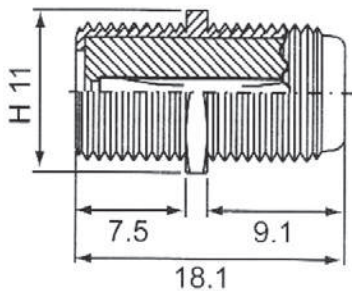
### F313CU-XNGD75

W/O NUT & WASHER

### F413CU-XNGD75

WITH NUT & WASHER

F DOUBLE JACK BULKHEAD TYPE



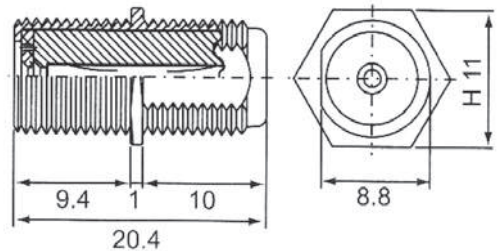
### F314CU-XNGD75

W/O NUT & WASHER

### F414CU-XNGD75

WITH NUT & WASHER

F DOUBLE JACK BULKHEAD TYPE



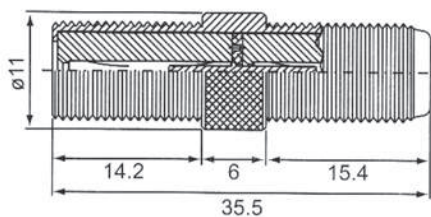
### F315CU-XNGD75

W/O NUT & WASHER

### F415CU-XNGD75

WITH NUT & WASHER

F DOUBLE JACK BULKHEAD TYPE



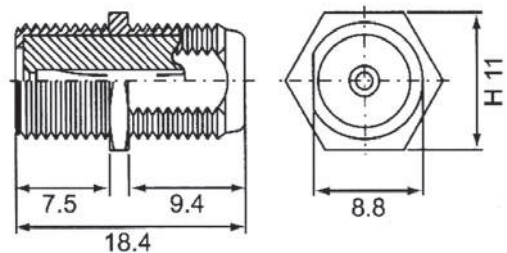
### F316CU-XNGD75

W/O NUT & WASHER

### F416CU-XNGD75

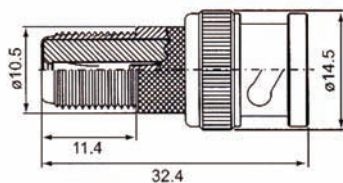
WITH NUT & WASHER

F DOUBLE JACK BULKHEAD TYPE

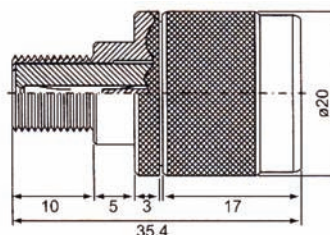


## HIGH FREQUENCY (1~2GHz) F JACKS & ADAPTORS (4)

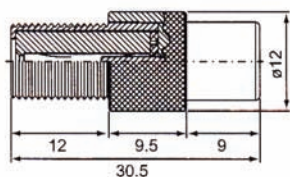
**F325CU-XNGD75**  
BNC MALE TO F FEMALE



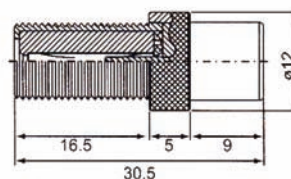
**F322CU-XNGD75**  
N MALE TO F FEMALE



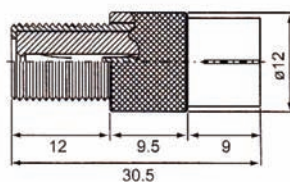
**F318CU-XNGD75**  
PAL MALE TO F FEMALE



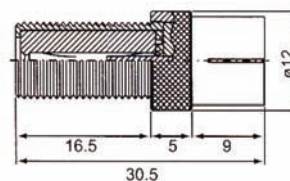
**F323CU-XNGD75**  
PAL MALE TO F FEMALE



**F319CU-XNGD75**  
PAL FEMALE TO F FEMALE



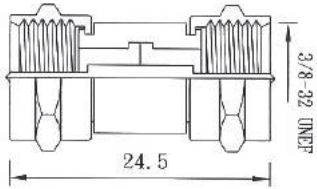
**F324CU-XNGD75**  
PAL FEMALE TO F FEMALE



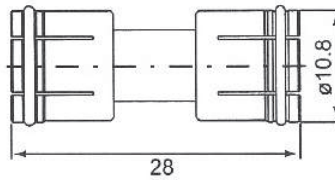


## FIN-SERIES ADAPTORS

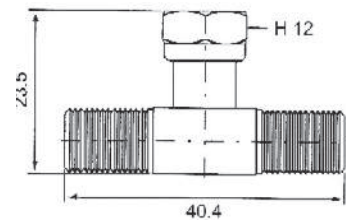
**F634CU-XNND75**  
F DOUBLE MALE



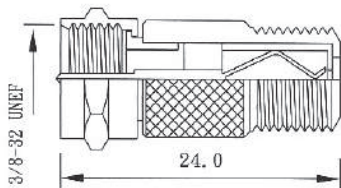
**N661CU-XNND75**  
F DOUBLE QUICK MALE



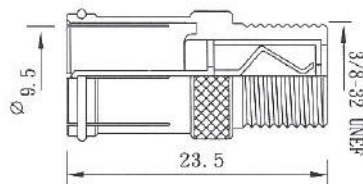
**F839CU-XNND75**  
F MALE TO  
F DOUBLE FEMALE



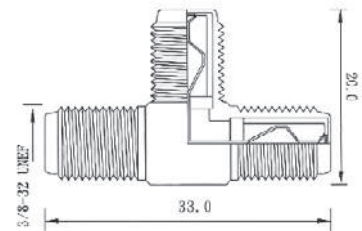
**F631CU-XNND75**  
F MALE TO F FEMALE



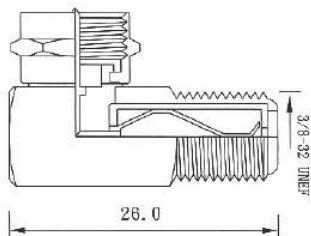
**F614CU-XNND75**  
F QUICK MALE TO  
F FEMALE



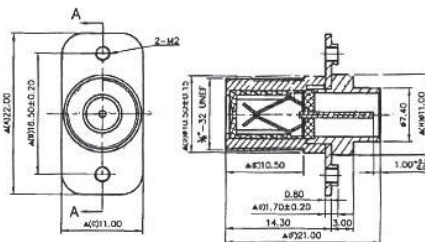
**F638CU-XNND75**  
F TRIPLE FEMALE



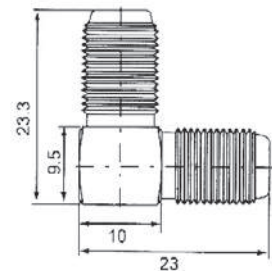
**F606CU-XNND75**  
F MALE TO F FEMALE  
RIGHT ANGLE TYPE



**F900CU-XNND75**  
F MALE TO F FEMALE  
WITH SCREW MOUNT

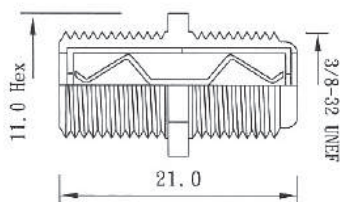


**F688CU-XNND75**  
F DOUBLE FEMALE  
RIGHT ANGLE TYPE

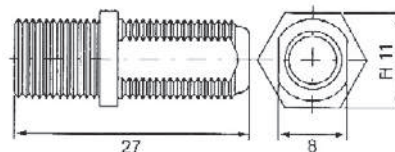


**F608CU-XNND75**  
F DOUBLE FEMALE (F-81)  
WITHOUT NUT & WASHER

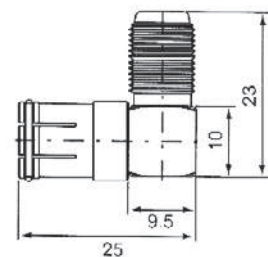
**F675CU-XNND75**  
F DOUBLE FEMALE (F-81)  
WITH NUT & WASHER



**F829CU-XNND75**  
F DOUBLE FEMALE LONG TYPE  
(L=27.0MM) W/O NUT+WASHER  
**F830CU-XNND75**  
F DOUBLE FEMALE LONG TYPE  
(L=27.0MM) WITH NUT+WASHER



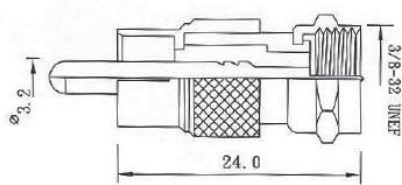
**F637CU-XNND75**  
F QUICK MALE  
TO F FEMALE  
RIGHT ANGLE TYPE



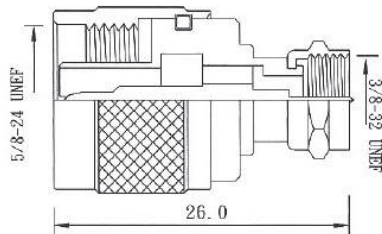


## F TO RCA/N/UHF ADAPTORS

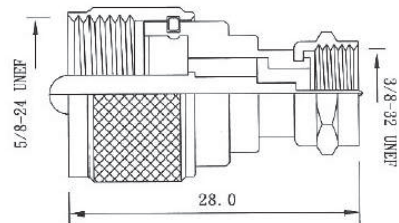
**F626CU-XNND75**  
F MALE TO RCA MALE



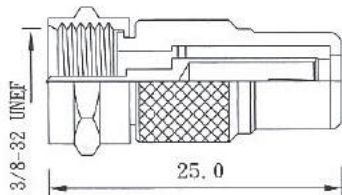
**N350CU-XNGD75**  
N MALE TO F MALE



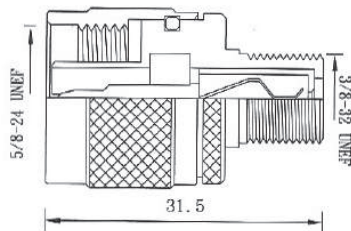
**U510CU-XNGD75**  
UHF MALE TO F MALE



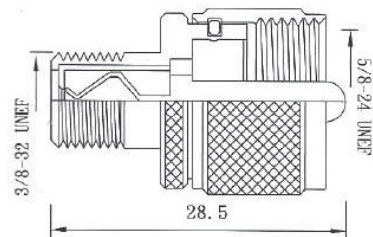
**F627CU-XNND75**  
F MALE TO RCA FEMALE



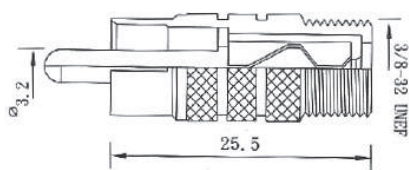
**N332CU-XNGD75**  
N MALE TO F FEMALE



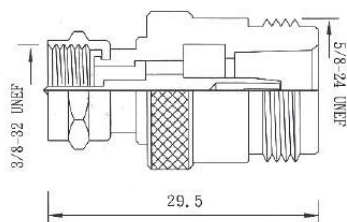
**U511CU-XNGD75**  
UHF MALE TO F FEMALE



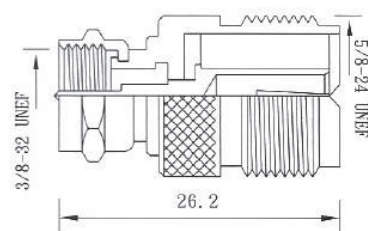
**F625CU-XNND75**  
F FEMALE TO RCA MALE



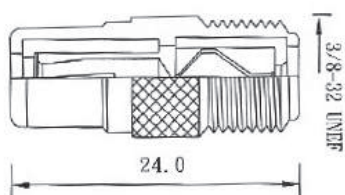
**N315CU-XNGD75**  
N FEMALE TO F MALE



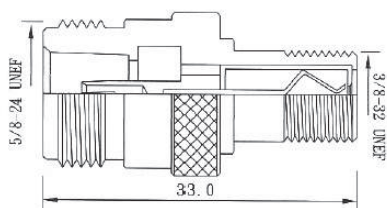
**U512CU-XNGD75**  
UHF FEMALE TO F MALE



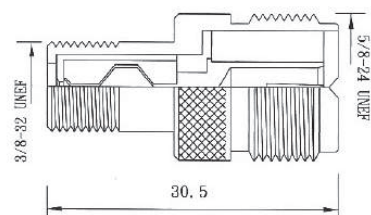
**F628CU-XNND75**  
F FEMALE TO RCA FEMALE



**N316CU-XNGD75**  
N FEMALE TO F FEMALE



**U513CU-XNGD75**  
UHF FEMALE TO F FEMALE

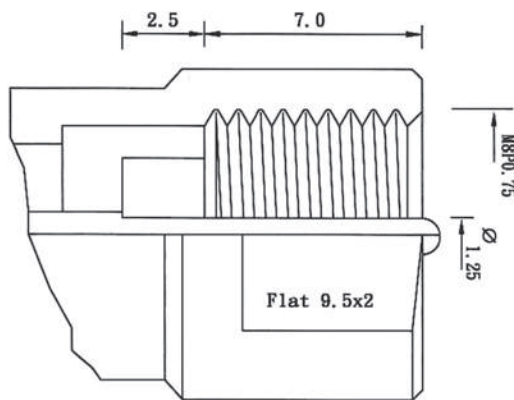


## NIPPLE (FME/SAP) SERIES CONNECTORS & ADAPTORS

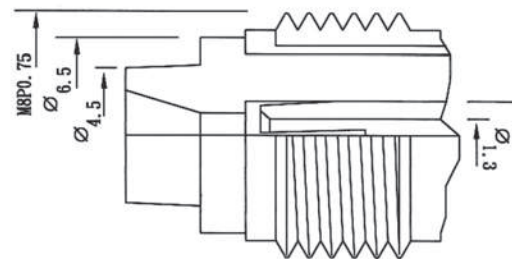
FME connectors were originally developed for the European wireless market, but have recently seen an increase in popularity globally.

Applications are in the GPS, mobile and WLAN sectors of the communications industry.

### Interface Dimensions



*Plug*



*Jack*

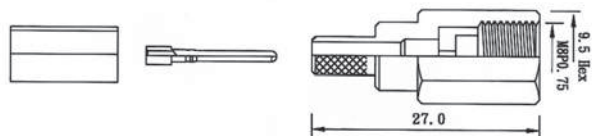
## SPECIFICATIONS

Electrical		
Impedance		50 ohm
Frequency Range		0 - 3 GHz
Working Voltage		500 VRMS max.
Dielectric Withstanding Voltage		1000 VRMS min.
VSWR	Straight	1.3 max.
	Right Angle	1.5 max.
Contact Resistance	Center Contact	10 Milliohms max.
	Outer Contact	5 Milliohms max.
Insulator Resistance		5000 Megohms min.

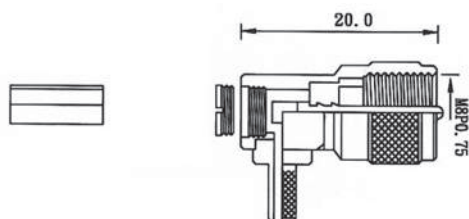
Material		
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Nickel 70 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Gold 3 micro-inches
	Female: Phosphor Bronze per QQ-B-750	Gold 3 micro-inches
Insulators	Teflon, Delrin	None
Crimp Ferrules	Annealed Brass	Nickel 70 micro-inches
Clamp Gaskets	Synthetic rubber	None

## NIPPLE (FME/SAP) PLUG CRIMP TYPE (1)

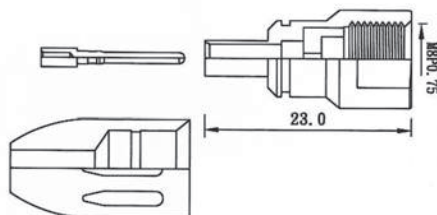
**NP652CU-\*NG\*50**  
FME PLUG CRIMP TYPE  
9.5MM HEX



**NP687CU-\*NG\*50**  
FME PLUG CRIMP RIGHT  
ANGLE TYPE



**NP686CU-\*NG\*50**  
FME PLUG BULKHEAD  
ATTACHED CRIMP TYPE  
WITH BOOT



### ORDERING INFORMATION:

P/N NPxxxCU - xNGx50

          2      3      4 5 6 7 8

2. CONNECTOR CODE:

NP652, NP687, NP686

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"L" RG174/U, RG316/U

"N" RG179/U, RG187/U

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

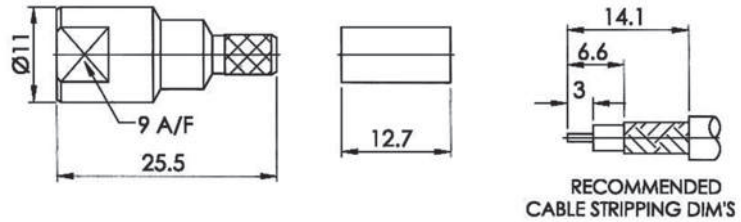
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## NIPPLE (FME/SAP) PLUG CRIMP TYPE (2)

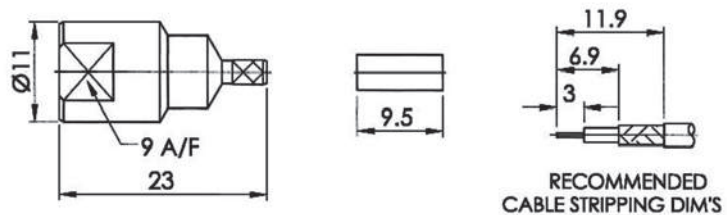
### NP738CU-\*NG\*50

FME PLUG CRIMP TYPE  
FOR RG58/U & RG223/U CABLE  
(CODE: F, P)



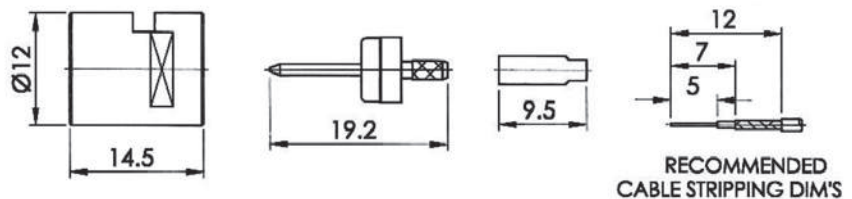
### NP739CU-\*NG\*50

FME PLUG CRIMP TYPE FOR  
RG174/U, 316/U & RG316/U  
DOUBLE BRAID (CODE: L,  
V6)



### NP740CU-13NG\*50

FME PLUG CRIMP TYPE  
FOR 1.13MM CABLE



## ORDERING INFORMATION:

P/N NP<sub>2</sub>xxx<sub>3</sub>CU - x<sub>4</sub>NG<sub>5</sub>x<sub>6</sub>50<sub>8</sub>

2. CONNECTOR CODE:

NP738, NP739, NP740

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"L" RG174/U, RG316/U

"P" RG223/U

"V6" RG316/U DOUBLE BRAID

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

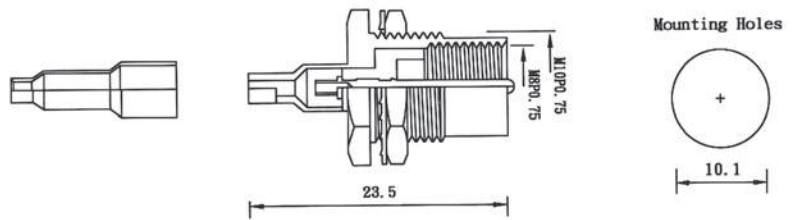
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## NIPPLE (FME/SAP) PLUG CRIMP TYPE (3)

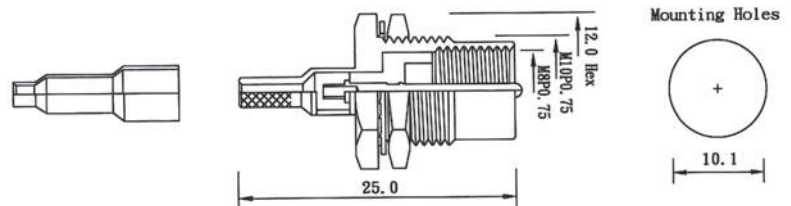
### NP717CU-\*NGT50

FME PLUG CRIMP BULKHEAD TYPE FOR  
RG178/U & 0.8MM~1.13MM CABLE



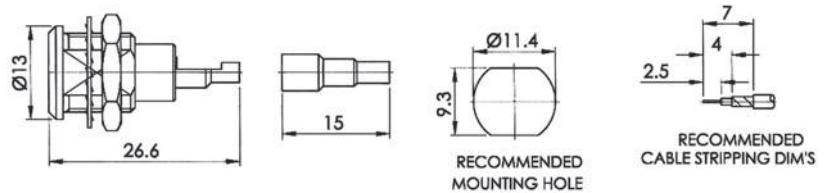
### NP716CU-\*NGT50

FME PLUG CRIMP BULKHEAD TYPE  
FOR RG178/U & 0.8MM~1.13MM CABLE



### NP733CU-\*NGT50

FME PLUG CRIMP BULKHEAD TYPE  
FOR RG178/U & 1.13MM~1.5MM CABLE



## ORDERING INFORMATION:

P/N NP<sub>2</sub>xxxCU<sub>3</sub> - x<sub>4</sub>NGT<sub>5</sub>50<sub>6 7 8</sub>

2. CONNECTOR CODE:

NP717, NP716, NP733

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"M" RG178/U, RG196/U

"13" 1.13MM~1.5MM

"81" 0.8MM~1.13MM

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

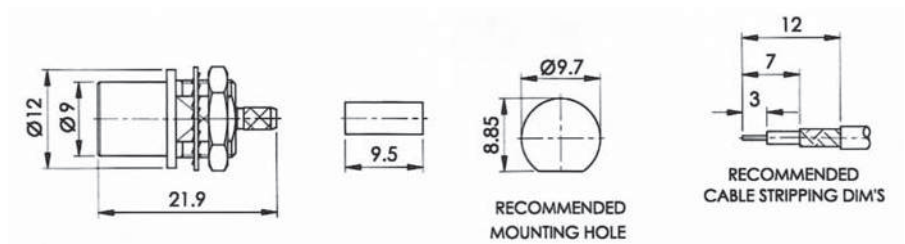
\*SEE PAGE H0002 FOR THE OTHERS!



## NIPPLE (FME/SAP) PLUG CRIMP TYPE (4)

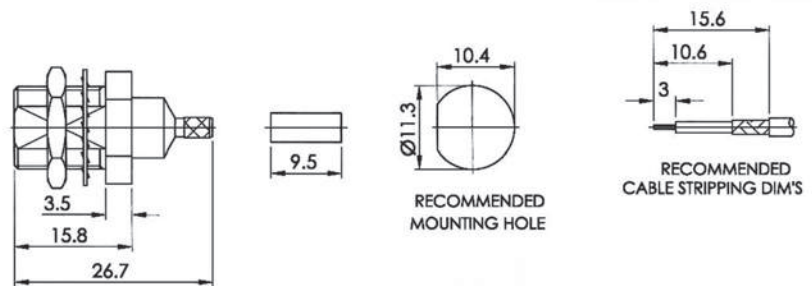
### NP734CU-\*NGT50

FME PLUG BULKHEAD CRIMP TYPE



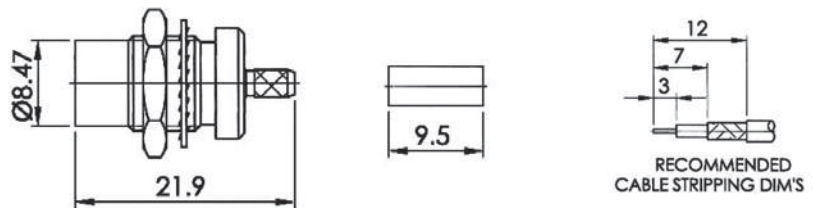
### NP735CU-\*NGT50

FME PLUG BULKHEAD CRIMP TYPE



### NP736CU-\*NGT50

FME PLUG BULKHEAD CRIMP TYPE



## ORDERING INFORMATION:

P/N NP<sub>2</sub>xxx<sub>3</sub>CU<sub>4</sub> - x<sub>5</sub>NGT<sub>6</sub>50<sub>7</sub><sub>8</sub>

2. CONNECTOR CODE:

NP734, NP735, NP736

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"L" RG174/U, RG316/U

"V6" RG316/U DOUBLE BRAID

\*SEE PAGE H0002 FOR THE OTHERS!

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

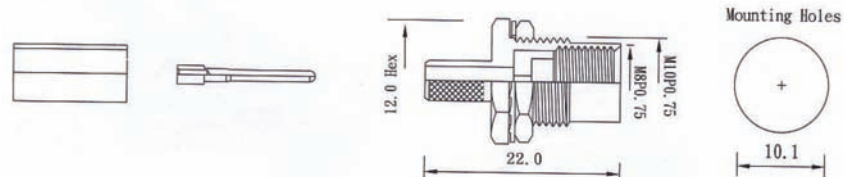
8. IMPEDANCE:

"50" 50 OHMS

## NIPPLE (FME/SAP) PLUG CRIMP TYPE (5)

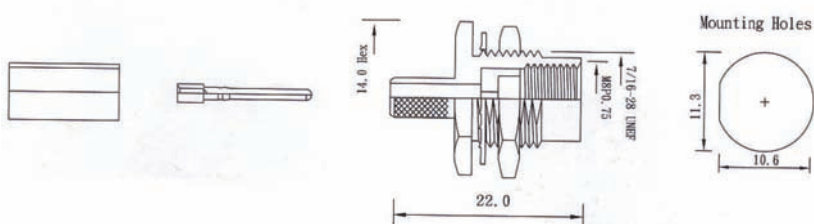
### NP685CU-\*NG\*50

FME PLUG CRIMP  
BULKHEAD TYPE  
12.0MM HEX



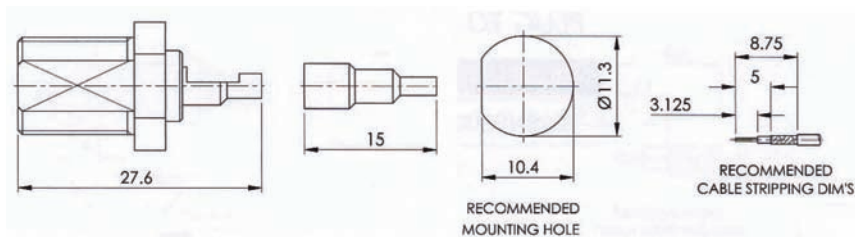
### NP729CU-\*NG\*50

FME PLUG CRIMP  
BULKHEAD TYPE  
14.0MM HEX



### NP737CU-13NG\*50

FME PLUG CRIMP  
BULKHEAD TYPE  
FOR 1.13MM, 1.32MM  
& 1.5MM CABLE



## ORDERING INFORMATION:

P/N  $\frac{N}{2} \frac{P}{3} \frac{xx}{4} \frac{x}{5} \frac{C}{6} \frac{U}{7} \frac{50}{8}$

2. CONNECTOR CODE:

NP685, NP729, NP737

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"L" RG174/U, RG316/U

"N" RG179/U, RG187/U

"U3" H155 CABLE

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

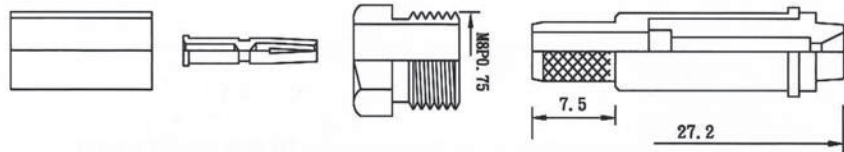
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## NIPPLE (FME/SAP) JACK CRIMP TYPE

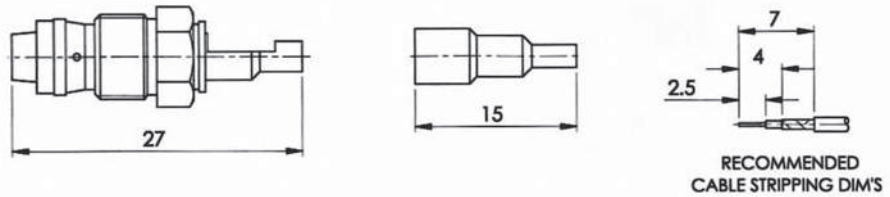
### NP651CU-\*NG\*50

FME JACK CRIMP TYPE  
FOR RG58, 59, 174, 6/U  
& H155 CABLE  
(CODE: F, G, L, A & U3)



### NP731CU-\*NG\*50

FME PLUG CRIMP TYPE  
FOR RG178/U & 1.13MM CABLE  
(CODE: M & 13)



## ORDERING INFORMATION:

P/N  $\frac{N}{2} \frac{P}{3} \frac{X}{4} \frac{X}{5} \frac{X}{6} \frac{C}{7} \frac{U}{8} - \frac{X}{4} \frac{N}{5} \frac{G}{6} \frac{X}{7} \frac{50}{8}$

2. CONNECTOR CODE:

NP651, NP731

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"L" RG174/U, RG316/U

"M" RG178/U, RG196/U

"13" 1.13MM CABLE

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

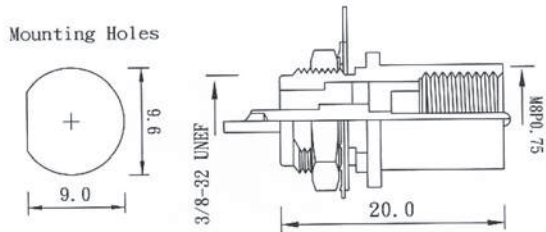
8. IMPEDANCE:

"50" 50 OHMS

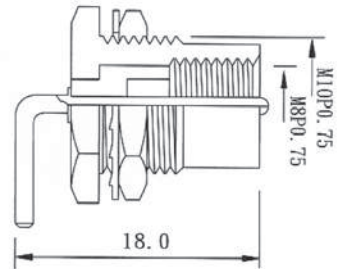
\*SEE PAGE H0002 FOR THE OTHERS!

## NIPPLE (FME/SAP) PLUG SOLDER TYPE & PROTECTIVE CAP

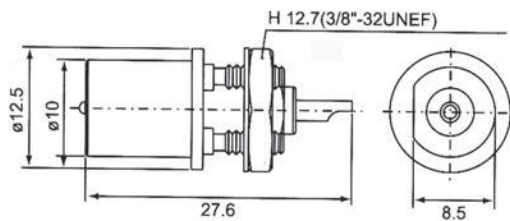
**NP690CU-XNGD50** (DELRIN)  
**NP690CU-XNGT50** (TEFLON)  
 FME PLUG SOLDER BULKHEAD TYPE



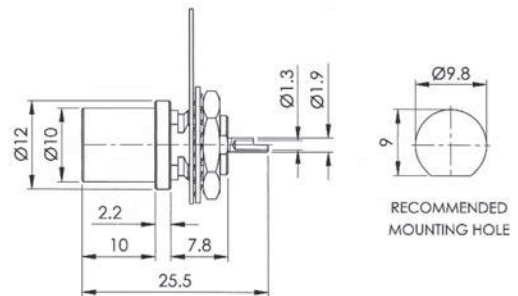
**NP657CU-XNGD50** (DELRIN)  
**NP657CU-XNGT50** (TEFLON)  
 FME PLUG BULKHEAD RECEPTACLE TYPE



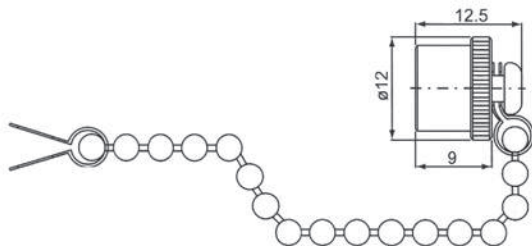
**NP709CU-XNGD50** (DELRIN)  
**NP709CU-XNGT50** (TEFLON)  
 FME PLUG SOLDER BULKHEAD TYPE



**NP741CU-XNGD50** (DELRIN)  
**NP741CU-XNGT50** (TEFLON)  
 FME PLUG SOLDER BULKHEAD TYPE



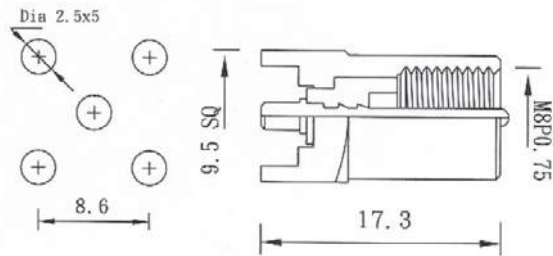
**NP742CU-XNXX**  
 PROTECTIVE CAP FOR FME JACK WITH CHAIN



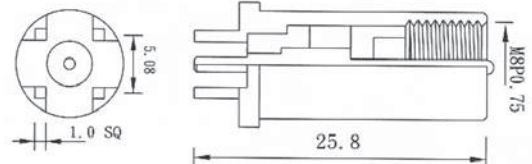
## NIPPLE (FME/SAP) PLUG PCB MOUNT TYPE

**NP676CU-XNGD50** (DELIN)  
**NP676CU-XNGT50** (TEFLON)  
 FME PLUG STRAIGHT PCB MOUNT TYPE  
 (9.5MMSQ)

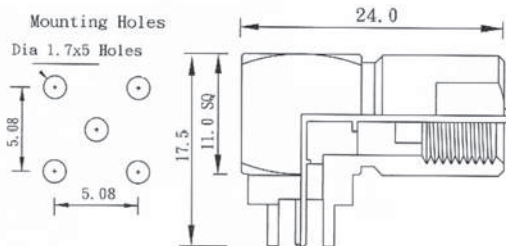
Mounting Holes



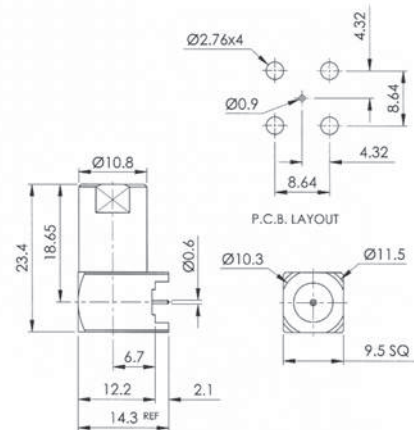
**NP718CU-XNGD50** (DELIN)  
**NP718CU-XNGT50** (TEFLON)  
 FME PLUG STRAIGHT PCB MOUNT TYPE



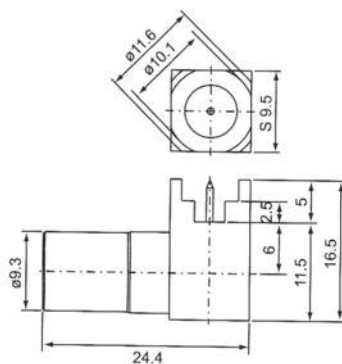
**NP719CU-XNGD50** (DELIN)  
**NP719CU-XNGT50** (TEFLON)  
 FME PLUG RIGHT ANGLE PCB MOUNT TYPE



**NP732CU-XNGD50** (DELIN)  
**NP732CU-XNGT50** (TEFLON)  
 FME PLUG RIGHT ANGLE PCB MOUNT TYPE



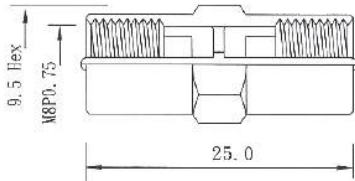
**NP710CU-XNGD50** (DELIN)  
**NP710CU-XNGT50** (TEFLON)  
 FME PLUG RIGHT ANGLE PCB MOUNT TYPE



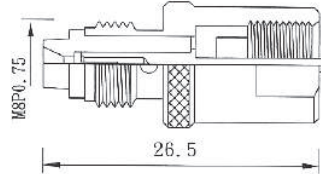


## FME (NIPPLE) IN-SERIES & BETWEEN SERIES ADAPTORS

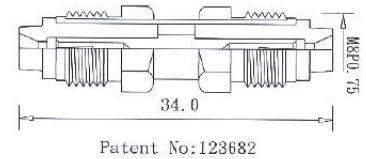
**NP653CU-XNGD50**  
FME DOUBLE MALE



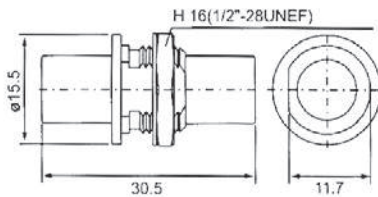
**NP678CU-XNGD50**  
FME MALE TO FME FEMALE



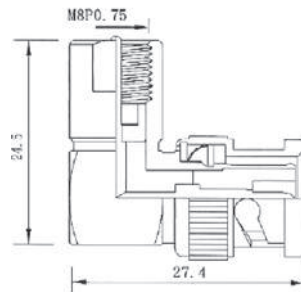
**NP677CU-XNGD50**  
FME DOUBLE FEMALE



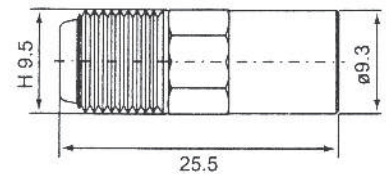
**NP730CU-XNGD50**  
FME DOUBLE MALE  
BULKHEAD TYPE



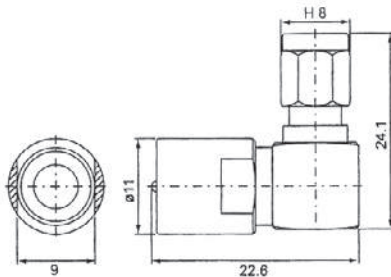
**NP673CU-XNGD50**  
FME MALE TO BNC MALE  
RIGHT ANGLE TYPE



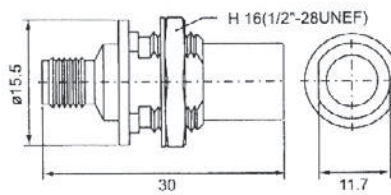
**NP694CU-XNGD50**  
FME MALE TO  
F FEMALE



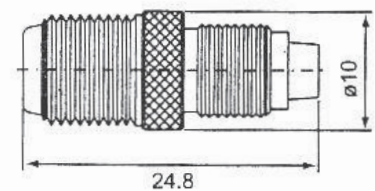
**NP704CU-XNGD50**  
FME MALE TO SMA MALE  
RIGHT ANGLE TYPE



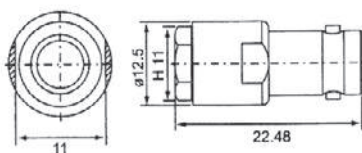
**NP701CU-XNGD50**  
FME MALE TO SMA FEMALE  
BULKHEAD TYPE



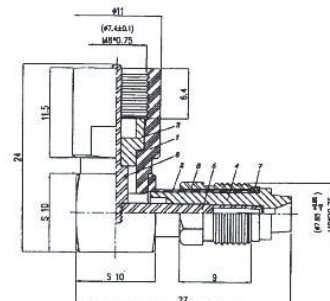
**NP695CU-XNGD50**  
FME FEMALE TO  
F FEMALE



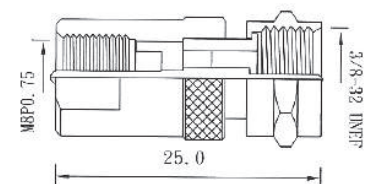
**NP711CU-XNGD50**  
ROTATING NIPPLE MALE TO  
BNC FEMALE



**NP715CU-XNGT50**  
FME MALE TO FME FEMALE  
RIGHT ANGLE TYPE

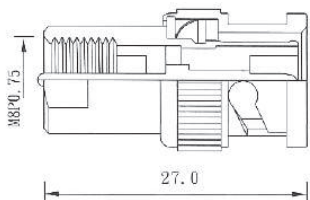


**NP720CU-XNGD50**  
FME MALE TO F MALE

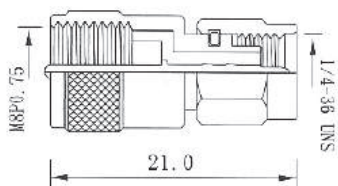


## FME (NIPPLE) TO BNC/SMA/N ADAPTORS

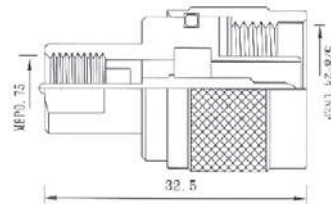
**NP661CU-XNGD50**  
FME MALE TO BNC MALE



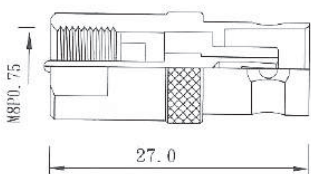
**NP664CU-XNGT50**  
FME MALE TO SMA MALE



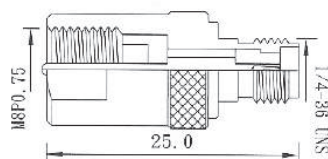
**NP659CU-XNGD50**  
FME MALE TO N MALE



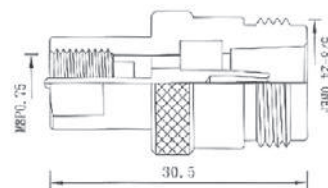
**NP656CU-XNGD50**  
FME MALE TO BNC FEMALE



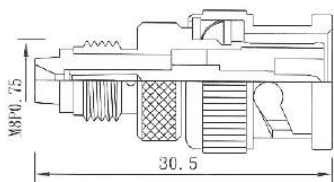
**NP654CU-XNGT50**  
FME MALE TO SMA FEMALE



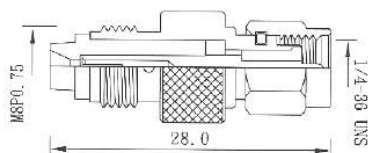
**NP681CU-XNGD50**  
FME MALE TO N FEMALE



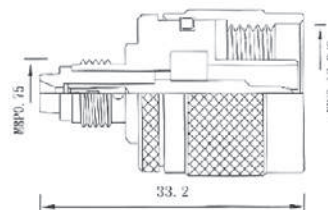
**NP666CU-XNGD50**  
FME FEMALE TO BNC MALE



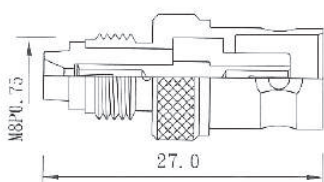
**NP668CU-XNGT50**  
FME FEMALE TO SMA MALE



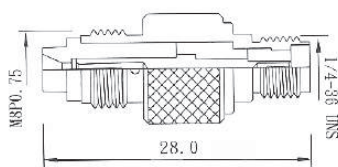
**NP682CU-XNGD50**  
FME FEMALE TO N MALE



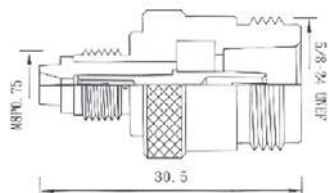
**NP670CU-XNGD50**  
FME FEMALE TO  
BNC FEMALE



**NP672CU-XNGT50**  
FME FEMALE TO  
SMA FEMALE

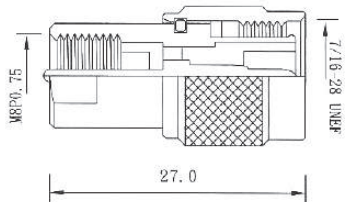


**NP683CU-XNGD50**  
FME FEMALE TO N FEMALE

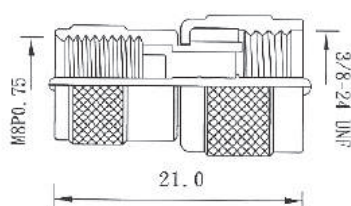


## FEM (NIPPLE) TO TNC/UHF/MINI UHF ADAPTORS

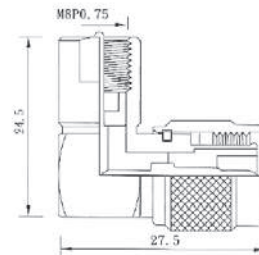
**NP662CU-XNGD50**  
FME MALE TO TNC MALE



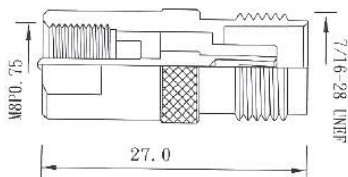
**NP660CU-XNGD50**  
FME MALE TO  
MINI UHF MALE



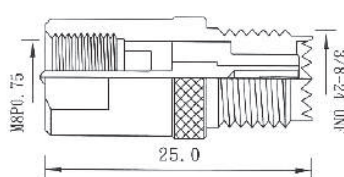
**NP674CU-XNGD50**  
FME MALE TO TNC MALE  
RIGHT ANGLE TYPE



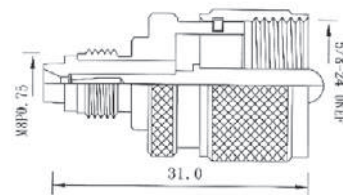
**NP658CU-XNGD50**  
FME MALE TO TNC FEMALE



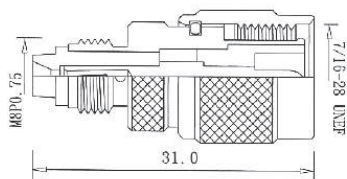
**NP655CU-XNGD50**  
FME MALE TO  
MINI UHF FEMALE



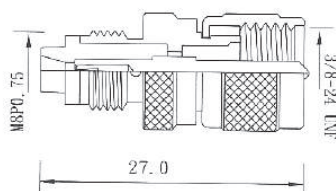
**NP722CU-XNGD50**  
FME FEMALE TO UHF MALE



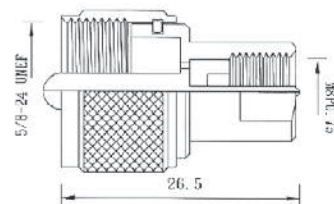
**NP667CU-XNGD50**  
FME FEMALE TO TNC MALE



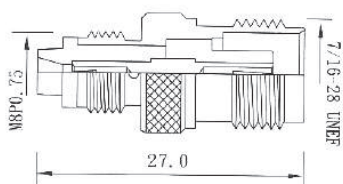
**NP665CU-XNGD50**  
FME FEMALE TO  
MINI UHF MALE



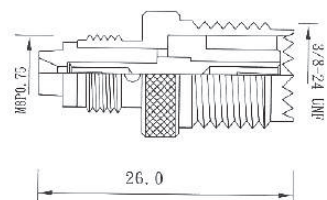
**NP663CU-XNGD50**  
FME MALE TO UHF MALE



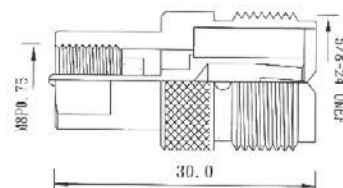
**NP671CU-XNGD50**  
FME FEMALE TO TNC FEMALE



**NP669CU-XNGD50**  
FME FEMALE TO  
MINI UHF FEMALE

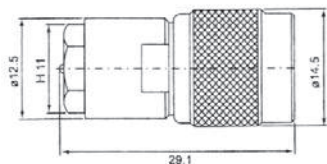


**NP721CU-XNGD50**  
FME MALE TO UHF FEMALE

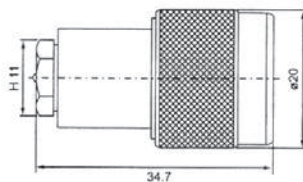


## ROTATING NIPPLE TO BNC/TNC/N/UHF/MINI UHF ADAPTORS

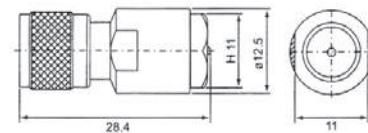
**NP703CU-XNGD50**  
ROTATING NIPPLE MALE  
TO TNC MALE



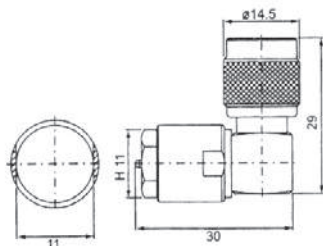
**NP698CU-XNGD50**  
ROTATING NIPPLE MALE  
TO N MALE



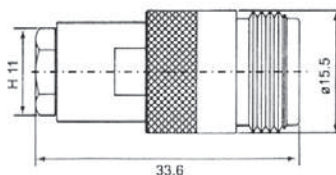
**NP696CU-XNGD50**  
ROTATING NIPPLE MALE  
TO MINI UHF MALE



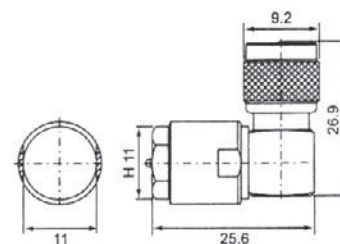
**NP706CU-XNGD50**  
ROTATING NIPPLE MALE  
TO TNC MALE R/A TYPE



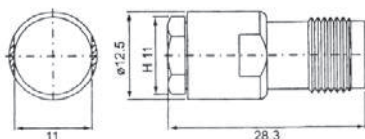
**NP699CU-XNGD50**  
ROTATING NIPPLE MALE  
TO N FEMALE



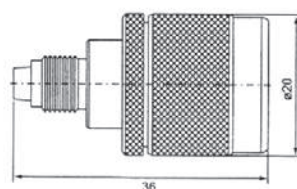
**NP697CU-XNGD50**  
ROTATING NIPPLE MALE  
TO MINI UHF MALE  
RIGHT ANGLE TYPE



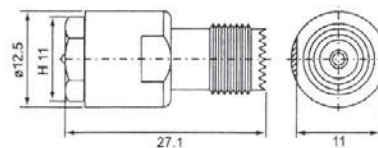
**NP705CU-XNGD50**  
ROTATING NIPPLE MALE  
TO TNC FEMALE



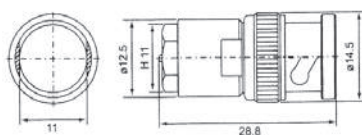
**NP700CU-XNGD50**  
ROTATING NIPPLE FEMALE  
TO N MALE



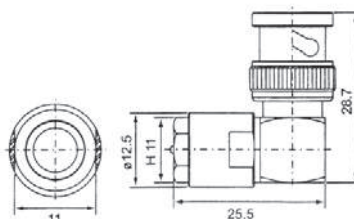
**NP702CU-XNGD50**  
ROTATING NIPPLE MALE  
TO MINI UHF FEMALE



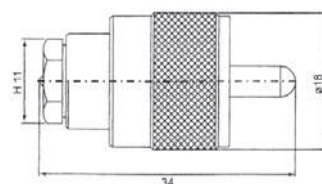
**NP692CU-XNGD50**  
ROTATING NIPPLE MALE  
TO BNC MALE



**NP693CU-XNGD50**  
ROTATING NIPPLE MALE  
TO BNC MALE R/A TYPE



**NP707CU-XNGD50**  
ROTATING NIPPLE MALE  
TO UHF MALE

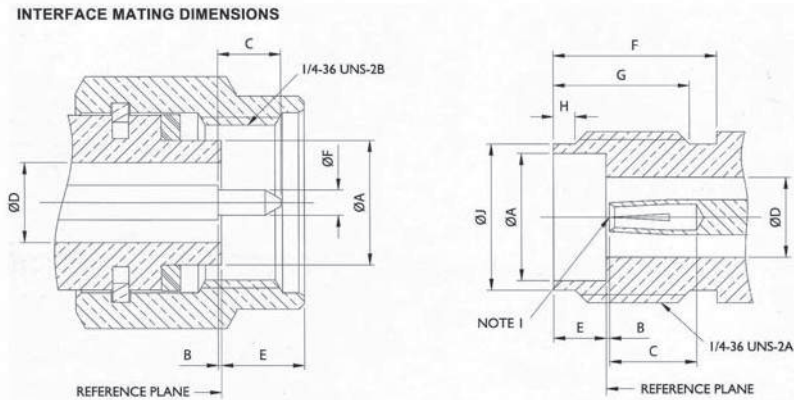




## K (2.92MM) SERIES CONNECTORS & ADAPTORS

As the operating frequencies go higher and higher for wireless systems, 2.92 mm connectors are designed with thicker outer conductors while maintaining the same size of inner conductors of SMA.

This makes them spurious-mode free up to 46 GHz, more reliable for heavy use, and still compatible with SMA.



**NOTE 1:** I.D. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH 0.9/0.94 MM DIA. PIN.

PLUG		
Letter	Millimeters	
	Minimum	Maximum
A	4.53	4.57
B	0.00	0.13
C	1.55	1.65
D	2.89	2.95
E	-	3.28
F	0.91	0.94

JACK		
Letter	Millimeters	
	Minimum	Maximum
A	4.61	4.64
B	0.00	0.13
C	2.80	-
D	2.89	2.95
E	1.88	1.98
F	5.90	-
G	4.40	-
H	0.70	0.90
J	5.30	5.40

## SPECIFICATIONS

Electrical		
Impedance	50 ohm	
Frequency Range	0 - 40 GHz	
Working Voltage	250 VRMS max.	
Dielectric Withstanding Voltage	750 VRMS max.	
VSWR	Straight	1.3 max.
	Right Angle	1.5 max.
Contact Resistance	Center Contact	3 Milliohms max.
	Outer Contact	2 Milliohms max.
Insulator Resistance	5000 Megohms min.	

Material		
Parts Name	Material	Finish
Body, Metal Parts	Stainless Steel	Passivated
Center Contacts	Plug: Brass per QQ-B-626	Gold 30 micro-inches
	Jack: Beryllium copper per QQ-C-530	Gold 30 micro-inches
Insulators	Rexolite	None
Crimp Ferrules	Annealed Brass	Gold 3 micro-inches
Clamp Gaskets	Silicone rubber	None

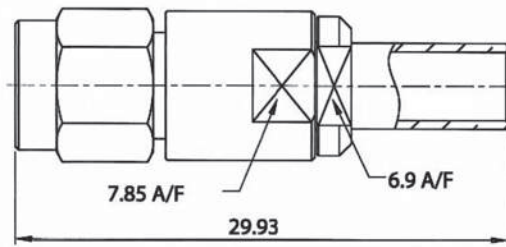
Mechanical & Environmental	
Engagement Force	2 in-lbs. max.
Disengagement Force	2 in-lbs. max.
Coupling Nut Retention	60 lbs. min.
Coupling Proof Torque	15 in-lbs. min.
Contact Retention	6 lbs. min.
Durability(Mating)	500 cycles
Temperature Range	-65°C to 165°C
Vibration	MIL-STD-202 Method 204 Test Cond.B.
Salt Spray	MIL-STD-202 Method 101 Test Cond.B.
Thermal Shock	MIL-STD-202 Method 107 Test Cond.B.



## K (2.92MM) PLUG/JACK DIRECT SOLDER TYPE (0~40 GHz)

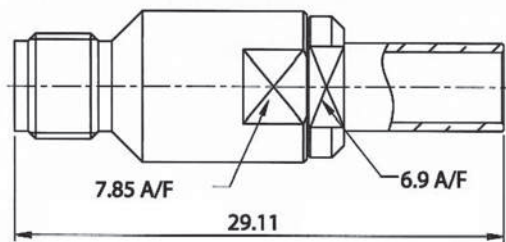
### K291ST-GGR50

K PLUG SOLDER TYPE  
FREQUENCY: 0~40 GHz



### K292ST-\*GGR50

K JACK SOLDER TYPE  
FREQUENCY: 0~40 GHz



## ORDERING INFORMATION:

P/N  $\frac{K}{2} \frac{x}{3} \frac{x}{4} \frac{x}{5} \frac{S}{6} \frac{T}{7} - \frac{x}{8} \frac{G}{5} \frac{G}{6} \frac{R}{7} \frac{50}{8}$

2. CONNECTOR CODE:

K291, K292

3. BODY MATERIAL:

"ST" STAINLESS STEEL

4. CABLE GROUP CODE:

"R1" 0.141" SEMI-RIGID, RG402/U

"R2" 0.085" SEMI-RIGID, RG405/U

"73" IW1501 CABLE

"74" IW1503 CABLE

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"R" REXOLITE

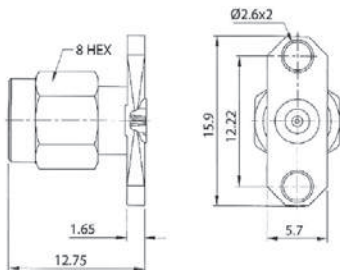
8. IMPEDANCE:

"50" 50 OHMS

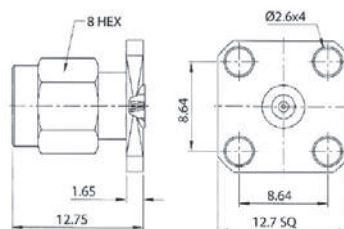
\*SEE PAGE H0002 FOR THE OTHERS!

## K(2.92MM) RECEPT PLUG/JACK & ADAPTOR (0~40 GHz)

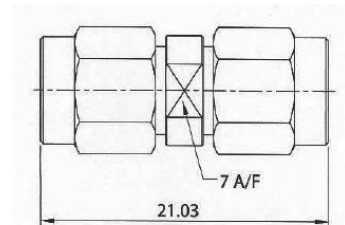
**K293ST-XGGR50**  
K PANEL RECEPT PLUG  
FREQUENCY: 0~40 GHz



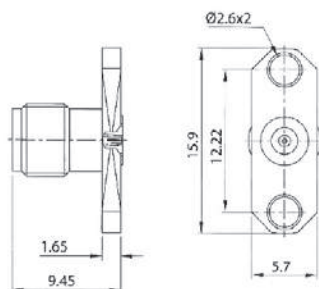
**K294ST-XGGR50**  
K PANEL RECEPT PLUG  
FREQUENCY: 0~40 GHz



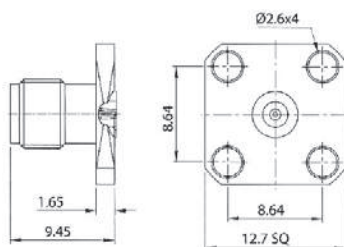
**K297ST-XGGR50**  
K MALE TO MALE ADAPTOR  
FREQUENCY: 0~40 GHz



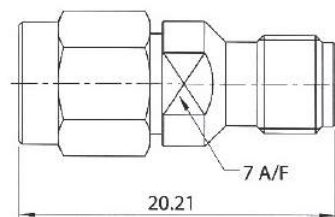
**K295ST-XGGR50**  
K PANEL RECEPT JACK  
FREQUENCY: 0~40 GHz



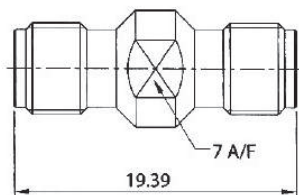
**K296ST-XGGR50**  
K PANEL RECEPT JACK  
FREQUENCY: 0~40 GHz



**K298ST-XGGR50**  
K MALE TO FEMALE ADAPTOR  
FREQUENCY: 0~40 GHz



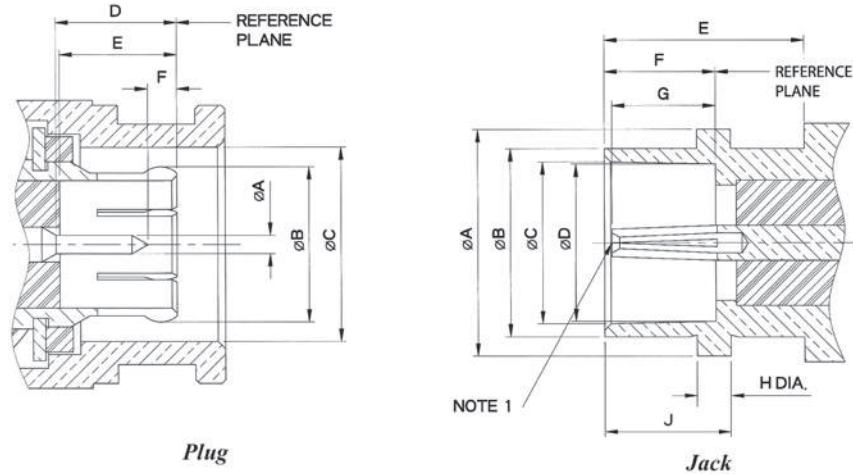
**K299ST-XGGR50**  
K FEMALE TO FEMALE ADAPTOR  
FREQUENCY: 0~40 GHz



## MINI BNC SERIES CONNECTORS & ADAPTORS

Preserving the positive advantage of a bayonet coupling mechanism, Mini BNC operates in a frequency range up to 2 GHz and fit to 75Ω systems. The Mini BNC connectors, allowing for quicker connection and disconnection, are suitable for telecommunication and broadband applications for higher connector densities.

### INTERFACE MATING DIMENSIONS



NOTE 1: I.D. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH 0.72/0.76 MM DIA. PIN.

PLUG		
Letter	Millimeters	
	Minimum	Maximum
A	0.72	0.76
B	FLARED TO MEET GOOD ELECTRICAL CONTACT	
C	7.70	7.80
D	4.55	5.05
E	4.55	4.85
F	0.92	1.42

JACK		
Letter	Millimeters	
	Minimum	Maximum
A	8.89	9.14
B	7.44	7.54
C	6.40	6.50
D	6.22	6.32
E	7.70	-
F	4.35	4.55
G	3.85	4.35
H	1.27	1.43
J	4.96	5.10

### SPECIFICATIONS

Electrical		
Impedance	75 ohm	
Frequency Range	0 - 2 GHz	
Working Voltage	300 VRMS max.	
Dielectric Withstanding Voltage	1000 VRMS min.	
VSWR	1.1 max. to 500MHz	
	1.16 max. to 1GHz	
Contact Resistance	Center Contact	12 Milliohms max.
	Outer Contact	3 Milliohms max.
Insulator Resistance	1000 Megohms min.	

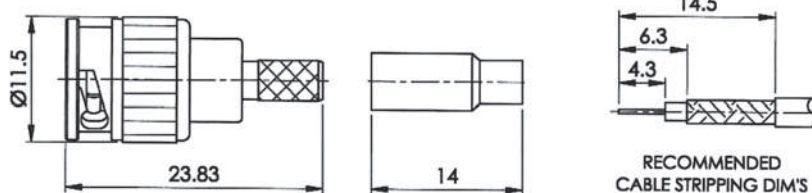
Material		
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Nickel 70 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Gold 3 micro-inches
	Female: Phosphor Bronze per QQ-B-750	Gold 3 micro-inches
Insulators	Teflon	None
Crimp Ferrules	Annealed Brass	Nickel 70 micro-inches

Mechanical & Environmental	
Engagement Force	2.5 in-lbs. max. torque
Disengagement Force	3 lbs. max. axial force
Coupling Nut Retention	40 lbs. min.
Contact Retention	4 lbs. min.
Durability (Mating)	500 cycles min. (For Beryllium copper Female Contact Only)
Temperature Range	-40° C to 85° C
Vibration	MIL-STD-202 Method 204 Test Cond. B.
Salt Spray	MIL-STD-202 Method 101 Test Cond. B.
Thermal Shock	MIL-STD-202 Method 107 Test Cond. B.

## MINI BNC PLUG CRIMP TYPE

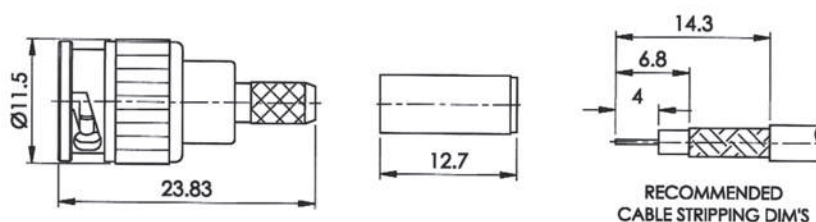
### MB001CU-NNGT75

MINI BNC PLUG CRIMP TYPE  
FOR RG179/U, RG187A/U CABLE



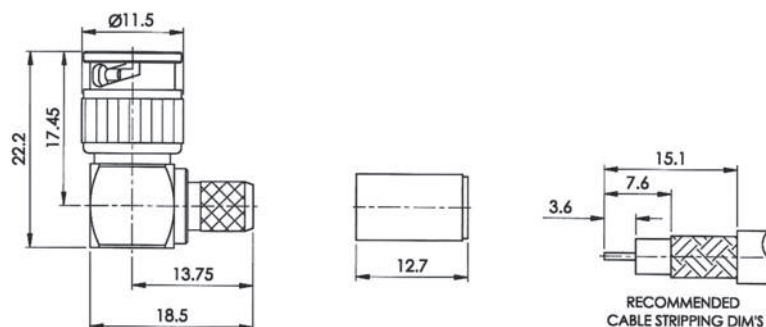
### MB001CU-\*NGT75

MINI BNC PLUG CRIMP TYPE  
FOR BELDEN 734D1, 734A  
& 735A CABLE  
(CODE: U4 & R6)



### MB002CU-\*NGT75

MINI BNC PLUG CRIMP RIGHT  
ANGLE TYPE FOR BELDEN  
734D1, 734A & RG735A/U CABLE  
(CODE: U4 & R6)



## ORDERING INFORMATION:

P/N MBxxxCU - xNGT75

2                      3                      4 5 6 7 8

2. CONNECTOR CODE:

MB001, MB002

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"N" RG179/U, RG187/U

"R6" RG735A/U

"U4" BELDEN 734D1, 734A

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

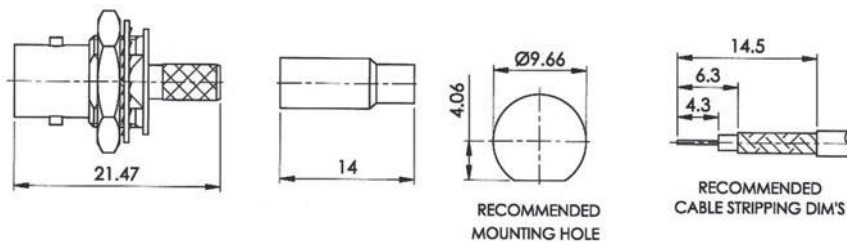
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## MINI BNC JACK CRIMP TYPE

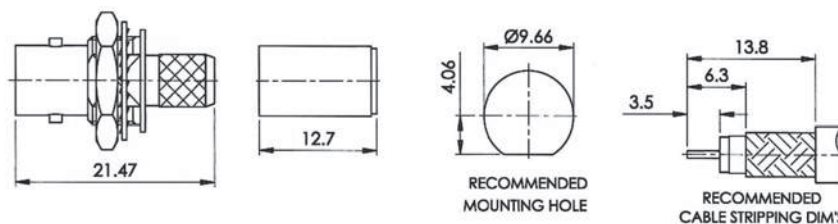
### MB003CU-NGT75

MINI BNC JACK CRIMP BULKHEAD TYPE  
FOR RG179/U, RG187A/U CABLE



### MB003CU-\*NGT75

MINI BNC JACK CRIMP  
BULKHEAD TYPE  
FOR BELDEN 734D1, 734A  
& RG735A/U CABLE  
(CODE: U4 & R6)



## ORDERING INFORMATION:

P/N MB003CU - x NGT75

2      3      4 5 6 7 8

2. CONNECTOR CODE:

MB003

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"N" RG179/U, RG187/U

"R6" RG735A/U

"U4" BELDEN 734D1, 734A

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

"75" 75 OHMS

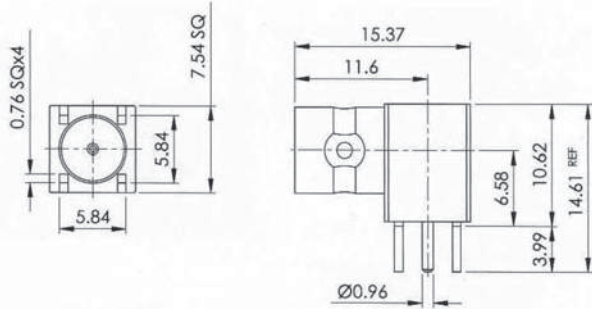
\*SEE PAGE H0002 FOR THE OTHERS!



## MINI BNC JACK PCB MOUNT TYPE

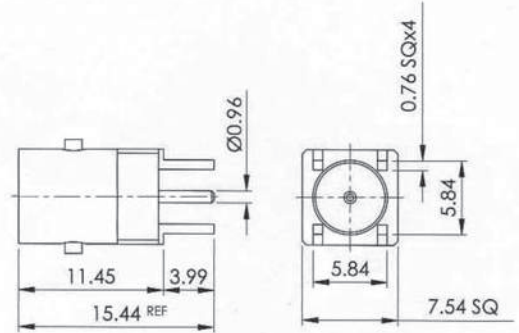
### MB005CU-XNGT75

MINI BNC JACK RIGHT ANGLE PCB MOUNT TYPE



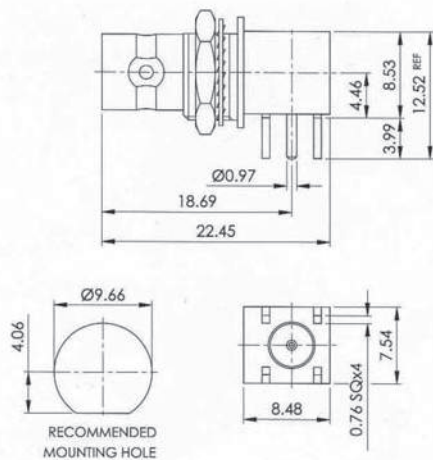
### MB004CU-XNGT75

MINI BNC JACK STRAIGHT PCB MOUNT TYPE



### MB006CU-XNGT75

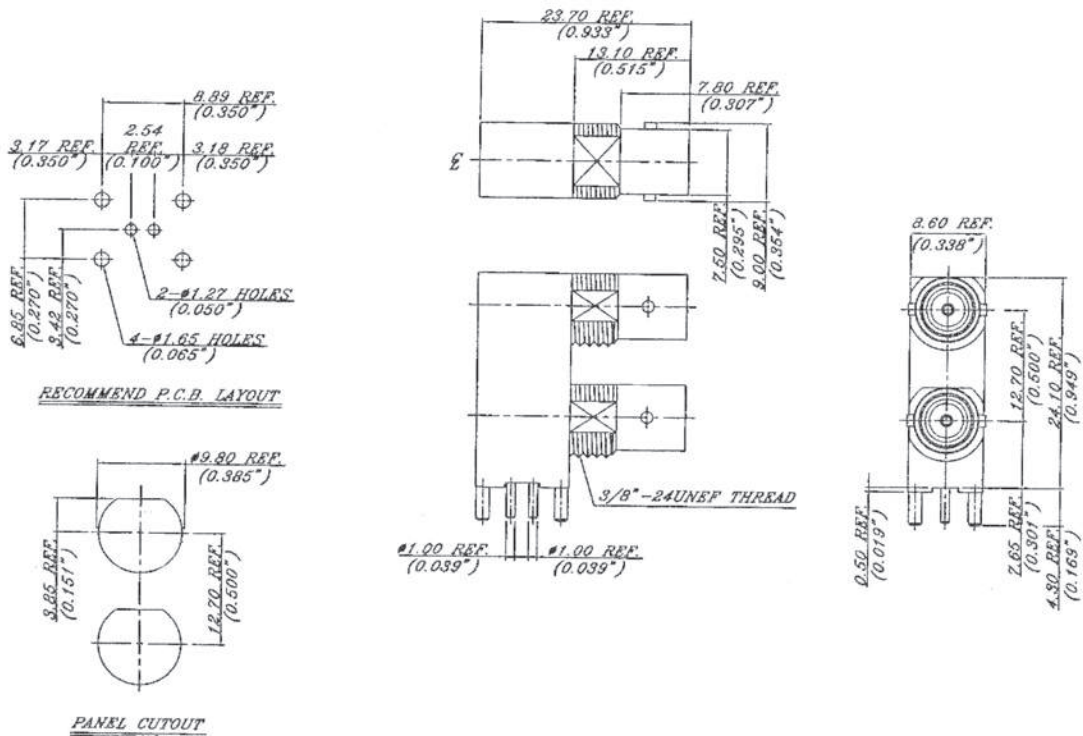
MINI BNC JACK RIGHT ANGLE PCB MOUNT BULKHEAD TYPE



# MINI BNC DUAL PORT JACK RIGHT ANGLE PCB MOUNT TYPE

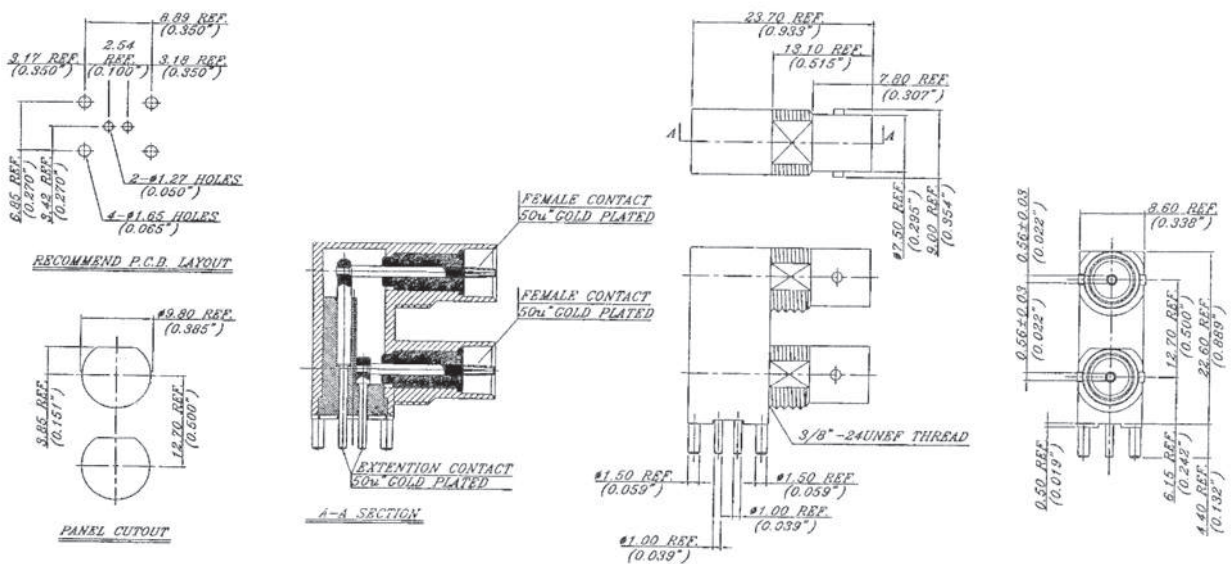
## MB011ZN-XNGT75

MINI BNC DUAL PORT RIGHT ANGLE PCB MOUNT JACK



## MB012ZN-XNGT75

MINI BNC DUAL PORT RIGHT ANGLE PCB MOUNT JACK LOW PROFILE TYPE

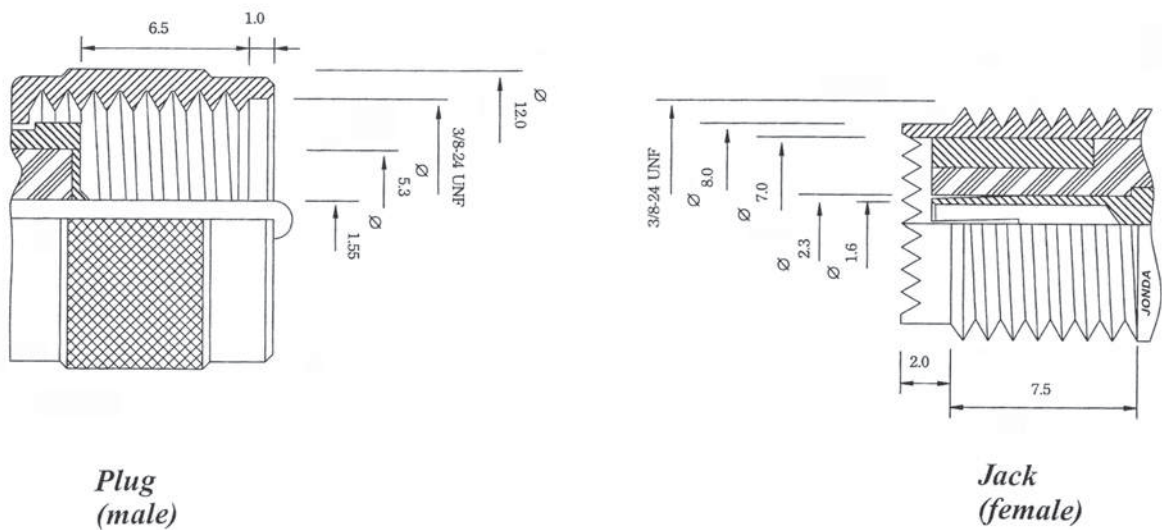


## MINI UHF SERIES CONNECTORS & ADAPTORS

### 50 Ohm 0-2.5GHz

Mini-UHF coaxial connectors are popular and economical, they're used in applications from DC to 2.5 GHz and combine excellent electrical characteristics, small size and light weight at a relatively low priced for many coaxial applications. These miniature 3/8"-24 thread size connectors provide excellent RF performance and impedance matched to 50 ohm cable, the Mini-UHF series are available crimp, twist-on and solder terminations.

### Interface Dimensions:



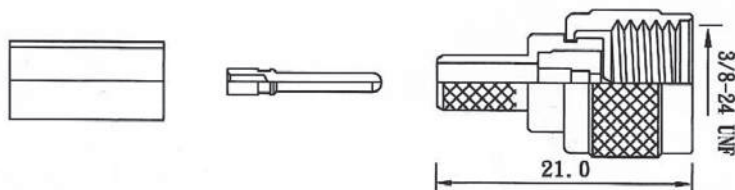
### Electrical:

Impedance	50 ohm
Frequency Range	0 to 2.5 GHz
VSWR	1.25max GHz (Straight) ; 1.35max GHz (Right angle)

## MINI UHF PLUG CRIMP TYPE

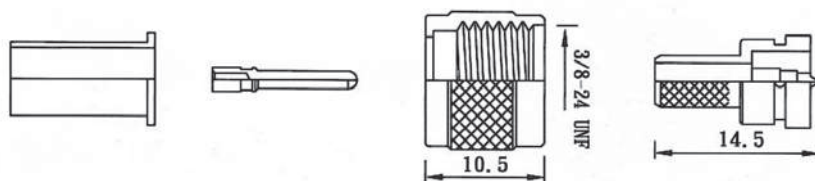
### MU551CU-\*NG\*50

MINI UHF PLUG CRIMP TYPE  
BODY: BRASS NICKEL PLATED &  
BLACK CHROME PLATED



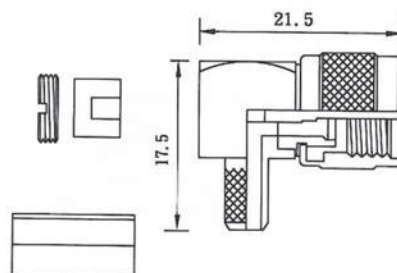
### MU595CU-\*NGD\*50

MINI UHF PLUG CRIMP TYPE  
BODY: BRASS NICKEL PLATED &  
BLACK CHROME PLATED



### MU569CU-\*NG\*50

MINI UHF PLUG CRIMP  
RIGHT ANGLE TYPE



## ORDERING INFORMATION:

P/N M U x x x C U - x x G x 50  
2 3 4 5 6 7 8

2. CONNECTOR CODE:  
MU551, MU595, MU569
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"F" RG58/U, RG141/U  
"G" RG59/U, RG62/U  
"L" RG174/U, RG316/U  
"N" RG179/U, RG187/U

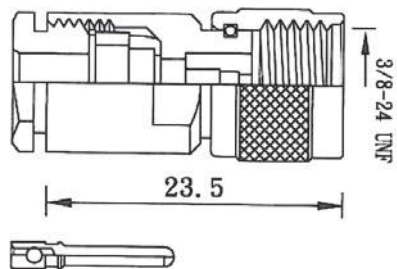
5. BODY FINISH:  
"N" NICKEL PLATED  
"C" BLACK CHROME PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"D" DELRIN  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## MINI UHF PLUG CRIMP TYPE & TWIST ON TYPE

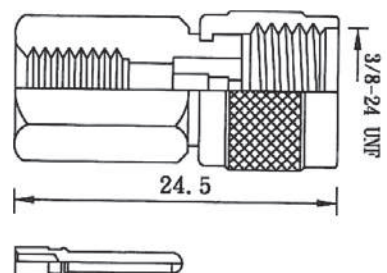
### MU596CU-\*NG\*50

MINI UHF PLUG CLAMP TYPE



### MU577CU-\*NG\*50

MINI UHF PLUG TWIST ON TYPE



## ORDERING INFORMATION:

P/N  $\frac{M}{2} \frac{U}{3} \frac{x}{4} \frac{x}{5} \frac{x}{6} \frac{C}{7} \frac{U}{8} - \frac{x}{4} \frac{N}{5} \frac{G}{6} \frac{x}{7} \frac{50}{8}$

2. CONNECTOR CODE:

MU596, MU577

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"L" RG174/U, RG316/U

"N" RG179/U, RG187/U

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

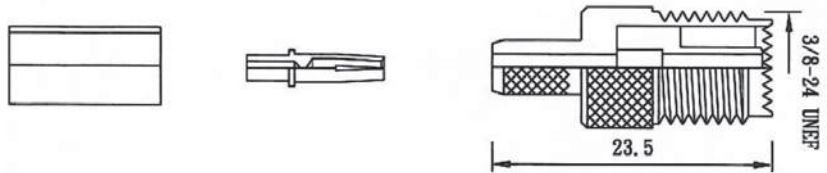
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

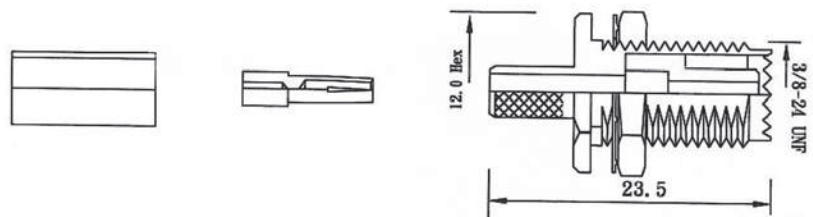


## MINI UHF JACK CRIMP TYPE

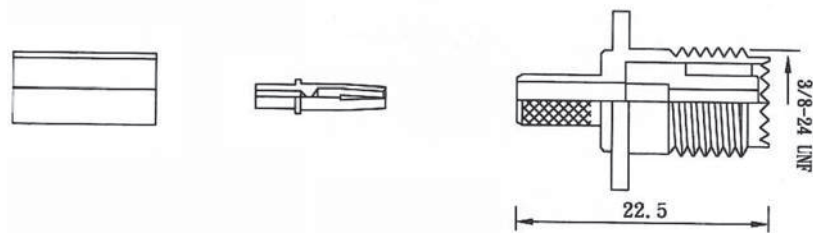
### MU552CU-\*NG\*50 MINI UHF JACK CRIMP TYPE



### MU578CU-\*NG\*50 MINI UHF JACK CRIMP BULKHEAD TYPE



### MU597CU-XNG\*50 MINI UHF JACK CRIMP PANEL MOUNT TYPE



## ORDERING INFORMATION:

P/N M U x x x C U - x N G x 5 0

2      3      4 5 6 7 8

2. CONNECTOR CODE:  
MU552, MU578, MU597
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"F" RG58/U, RG141/U  
"G" RG59/U, RG62/U  
"L" RG174/U, RG316/U  
"N" RG179/U, RG187/U

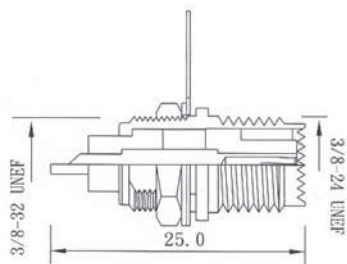
5. BODY FINISH:  
"N" NICKEL PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"D" DELRIN  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## MINI UHF JACK SOLDER TYPE & PCB MOUNT TYPE

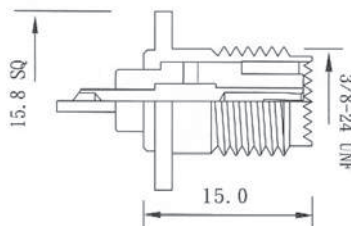
### MU568CU-XNGT50

MINI UHF JACK SOLDER BULKHEAD TYPE

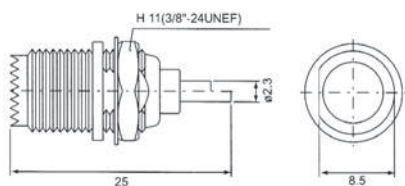


### MU564CU-XNGT50

MINI UHF JACK SOLDER PANEL MOUNT TYPE (4 HOLES)



**MU566CU-XNGD50** (DELTRIN INSULATION)  
**MU566CU-XNGT50** (TEFLON INSULATION)  
 MINI UHF JACK SOLDER BULKHEAD TYPE



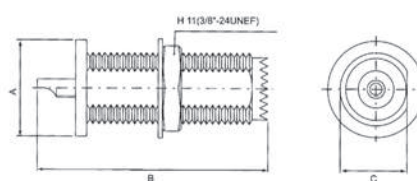
### MU583CU-XNGT50

A/B/C=12.5/23.2/8.7MM

### MU584CU-XNGT50

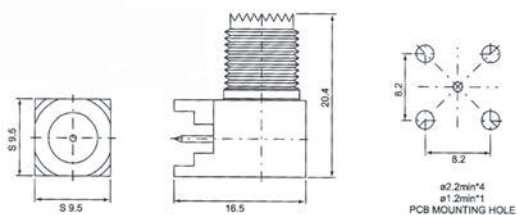
A/B/C=12.5/30.0/8.7MM

MINI UHF JACK SOLDER BULKHEAD TYPE



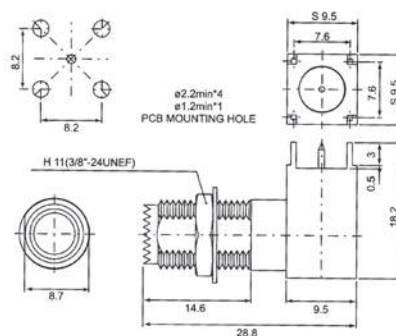
### MU581CU-XNGD50

MINI UHF JACK RIGHT ANGLE PCB MOUNT TYPE



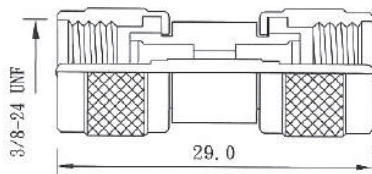
### MU567CU-XNGD50

MINI UHF JACK RIGHT ANGLE PCB MOUNT TYPE

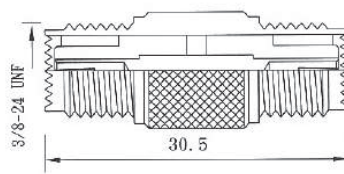


## MINI UHF TO BNC & IN-SERIES ADAPTORS

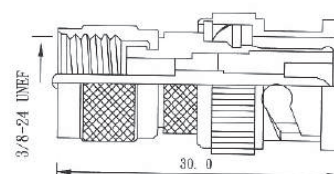
**MU553CU-XNGD50**  
MINI UHF DOUBLE MALE



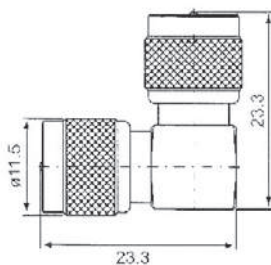
**MU554CU-XNGD50**  
MINI UHF DOUBLE FEMALE



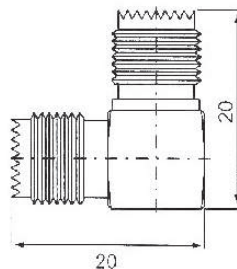
**MU594CU-XNGD50**  
MINI UHF MALE TO BNC MALE



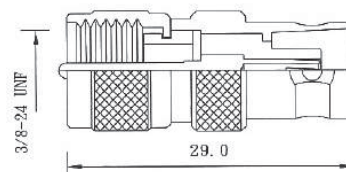
**MU586CU-XNGD50**  
MINI UHF DOUBLE MALE  
RIGHT ANGLE TYPE



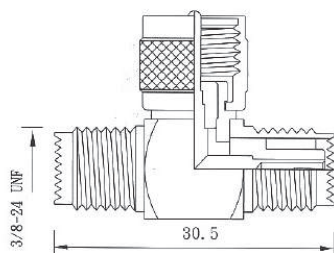
**MU587CU-XNGD50**  
MINI UHF DOUBLE FEMALE  
RIGHT ANGLE TYPE



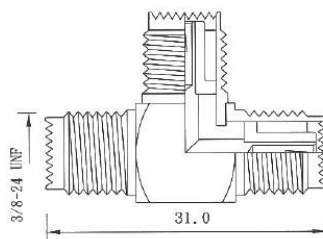
**B159CU-XNGD50**  
BNC FEMALE TO  
MINI UHF MALE



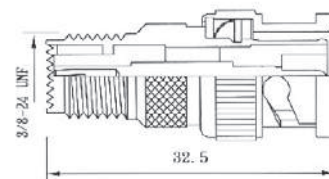
**MU556CU-XNGD50**  
MINI UHF MALE TO  
MINI UHF DOUBLE FEMALE



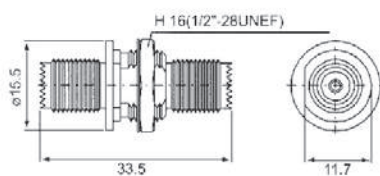
**MU557CU-XNGD50**  
MINI UHF TRIPLE FEMALE



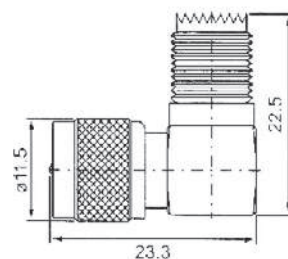
**B160CU-XNGD50**  
BNC MALE TO  
MINI UHF FEMALE



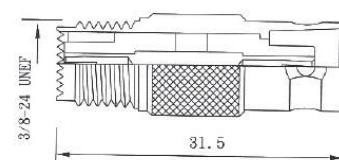
**MU588CU-XNGD50**  
MINI UHF DOUBLE FEMALE  
BULKHEAD TYPE



**MU555CU-XNGD50**  
MINI UHF MALE TO  
MINI UHF FEMALE  
RIGHT ANGLE TYPE

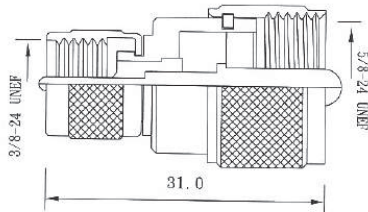


**MU593CU-XNGD50**  
MINI UHF FEMALE TO  
BNC FEMALE

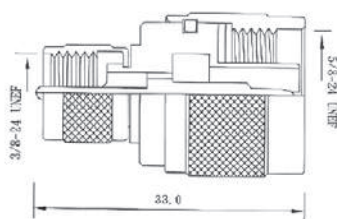


## MINI UHF TO UHF/N/TNC ADAPTORS

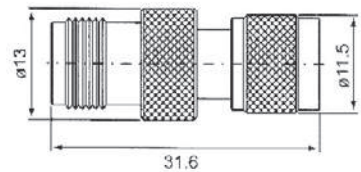
**MU591CU-XNGD50**  
MINI UHF MALE TO  
UHF MALE



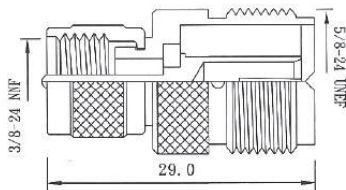
**MU575CU-XNGD50**  
MINI UHF MALE TO  
N MALE



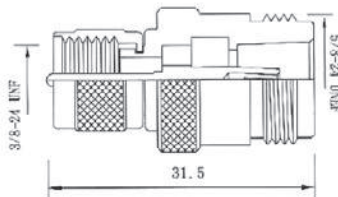
**MU585CU-XNGD50**  
MINI UHF MALE TO  
TNC FEMALE



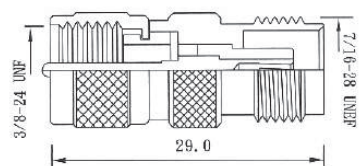
**U529CU-XNGD50**  
UHF FEMALE TO  
MINI UHF MALE



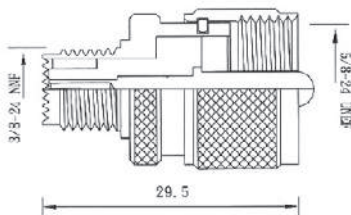
**N339CU-XNGD50**  
MINI UHF MALE TO  
N FEMALE



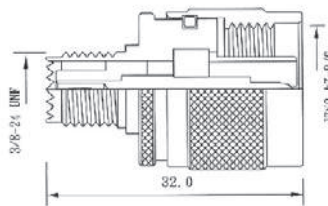
**MU589CU-XNGD50**  
MINI UHF MALE TO  
TNC FEMALE



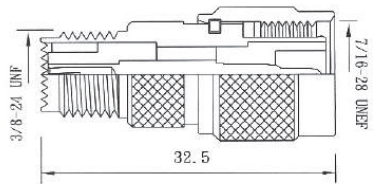
**U527CU-XNGD50**  
UHF MALE TO  
MINI UHF FEMALE



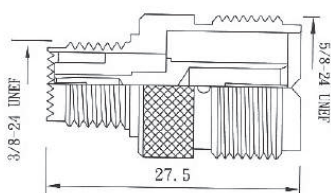
**N340CU-XNGD50**  
MINI UHF FEMALE TO  
N MALE



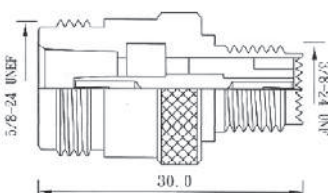
**MU590CU-XNGD50**  
MINI UHF FEMALE TO  
TNC MALE



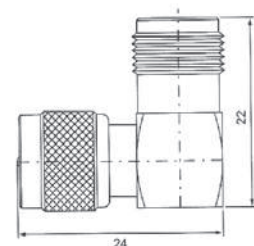
**MU592CU-XNGD50**  
MINI UHF FEMALE TO  
UHF FEMALE



**N364CU-XNGD50**  
MINI UHF FEMALE TO  
N FEMALE



**MU573CU-XNGD50**  
MINI UHF MALE  
TO TNC FEMALE  
RIGHT ANGLE TYPE





## MICRO COAXIAL SERIES CONNECTORS & ADAPTORS

### ◆ Key Features

1. Fully compatible with MuRata's GSC Series and Hirose's U.FL / H.FL / W.FL
2. Ultra Low Profile with Mating Height 1.55/2.0/2.5/3.0 mm
3. Meet up to 6.0 GHz Frequency  
The Receptacle and Mating Cable Plug offer high frequency performance from DC to 6GHz with V.S.W.R. 1.3 maximum.
4. Quality and Efficiency of Cable Termination  
By soldering and a semi auto crimping machine to ensure quality and efficiency of cable termination.
5. Surface Mountable and Reflow Solderable  
The tape and reel package of receptacles permits automatic mounting and reflow soldering.

### ◆ Main Applications

1. Wireless LAN, Mini-PCI
2. GSM, GPRS & CDMA Mobile Phones
3. PDA & Notebook Computer
4. GPS
5. Bluetooth
6. Microwave radio and measurement

### ◆ Product Specifications

Impedance	50 $\Omega$
Temperature Range	-40°C to +90 °C
Frequency Rating	0-6GHz
VSWR	1.3 Max.
Contact Resistance	20m $\Omega$ Max. (Center)
	20m $\Omega$ Max. (Outer for plug)
	10m $\Omega$ Max. (Outer for receptacle)
Withstanding Voltage	200 V AC for 1 minute
Insulation Resistance	500 M $\Omega$ Min.
Durability	30 cycles
Holding Force (min.)	0.15N (Female contact)

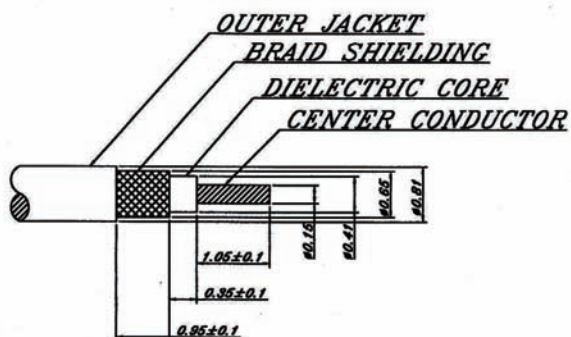
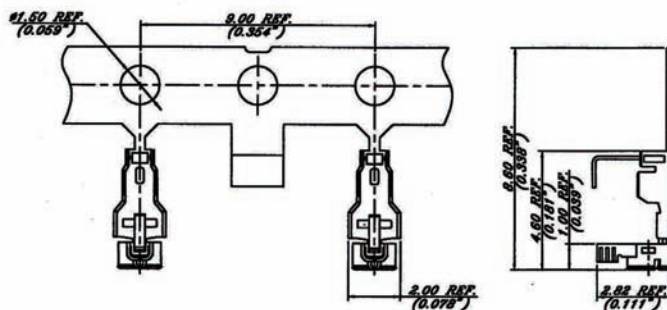
The above V.S.W.R values were measured by following configurations.

### ◆ Materials

Part Description	Material	Finish
Plug shell	Phosphorus Bronze	Gold plating / Silver plating
Female center contact	Phosphorus Bronze	Gold plating
Receptacle ground contact	Brass	Gold plating / Silver plating
Male center contact	Brass	Gold plating
Insulator (Plug)	PBT+15% G.F.	UL94V-0
Insulator (Receptacle)	LCP	UL94V-0



**Φ 0.81MM MICRO COAXIAL CABLE PLUG PROFILE: 1.55MM**



**NOTE:** MATES WITH  
SMT RECEPTACLE  
P/N FL005CU-XGGL50

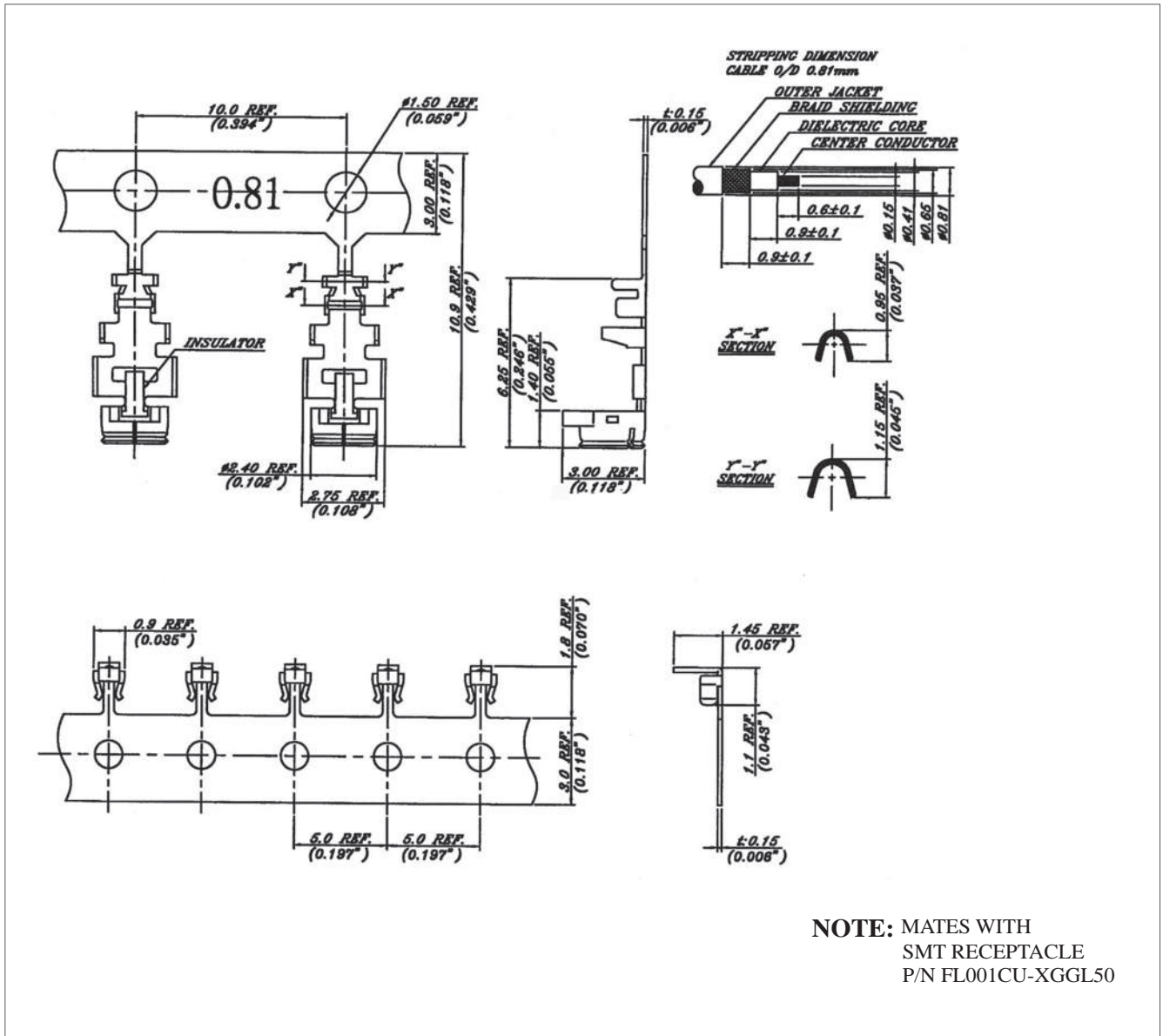
**ORDERING INFORMATION:**

**P/N FL581 CU - 81 G G P 50**  
                   2          3          4 5 6 7 8

- 2. CONNECTOR CODE:  
"FL581" HRS W. FL COMPATIBLE, PROFILE=1.55MM
- 3. BODY MATERIAL:  
"CU" BRASS
- 4. CABLE GROUP CODE:  
"81" Φ0.81MM CABLE (STANDARD)
- 5. BODY FINISH:  
"G" GOLD PLATED

- 6. CENTER PIN FINISH:  
"G" GOLD PLATED
- 7. INSULATION:  
"P" PBT
- 8. IMPEDANCE:  
"50" 50 OHMS

**Φ 0.81MM MICRO COAXIAL CABLE PLUG PROFILE: 2.00MM**



**ORDERING INFORMATION:**

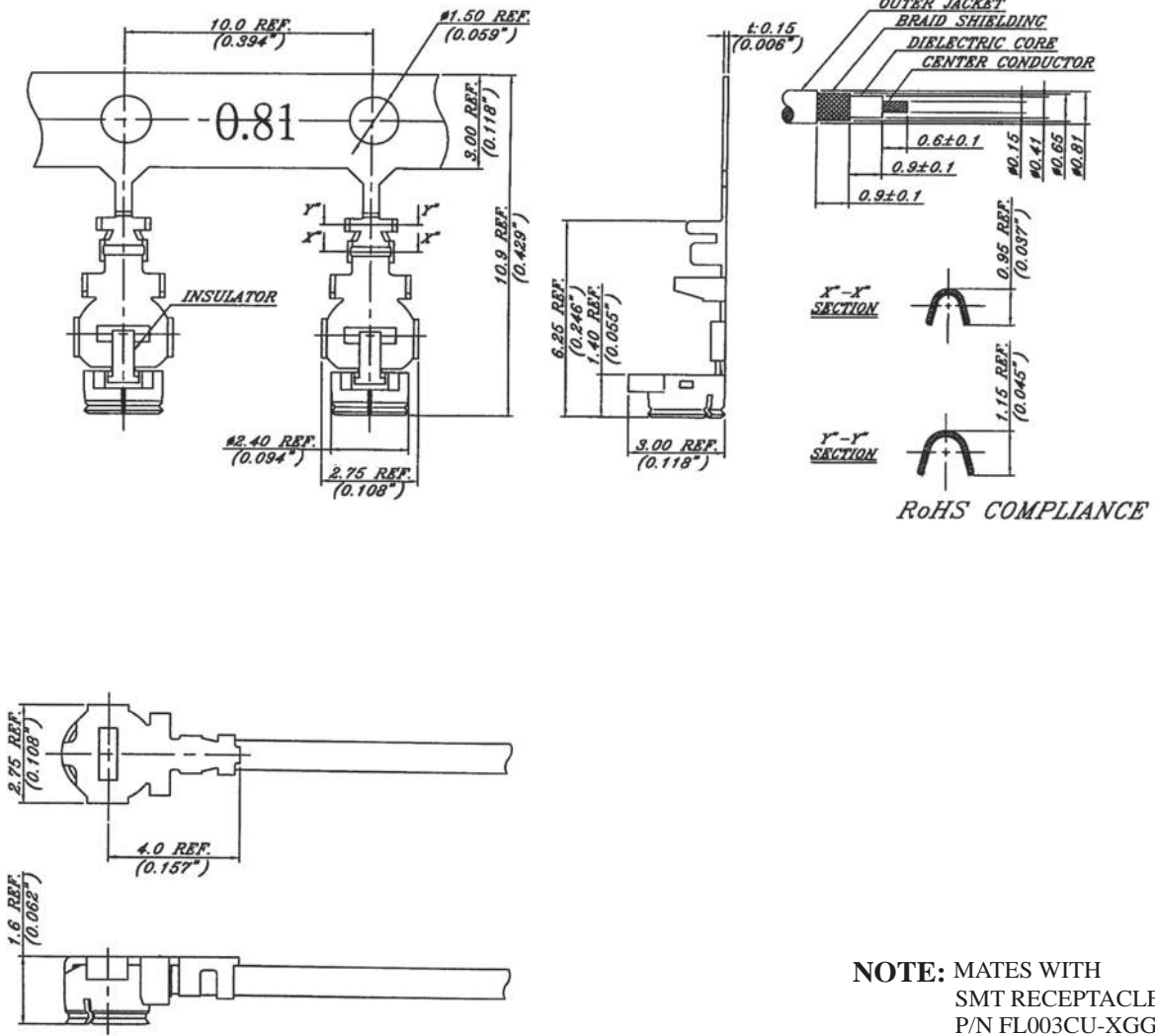
**P/N FL481CU - xxGGP50**

2      3      4      5      6      7      8

- 2. CONNECTOR CODE:  
"FL481" HRS U. FL COMPATIBLE, PROFILE=2.00MM
- 3. BODY MATERIAL:  
"CU" BRASS
- 4. CABLE GROUP CODE:  
"81" Φ0.81MM CABLE (STANDARD)  
"13" Φ1.13MM CABLE
- 5. BODY FINISH:  
"G" GOLD PLATED

- 6. CENTER PIN FINISH:  
"G" GOLD PLATED
- 7. INSULATION:  
"P" PBT
- 8. IMPEDANCE:  
"50" 50 OHMS

**Φ 0.81MM MICRO COAXIAL CABLE PLUG PROFILE: 2.00MM**



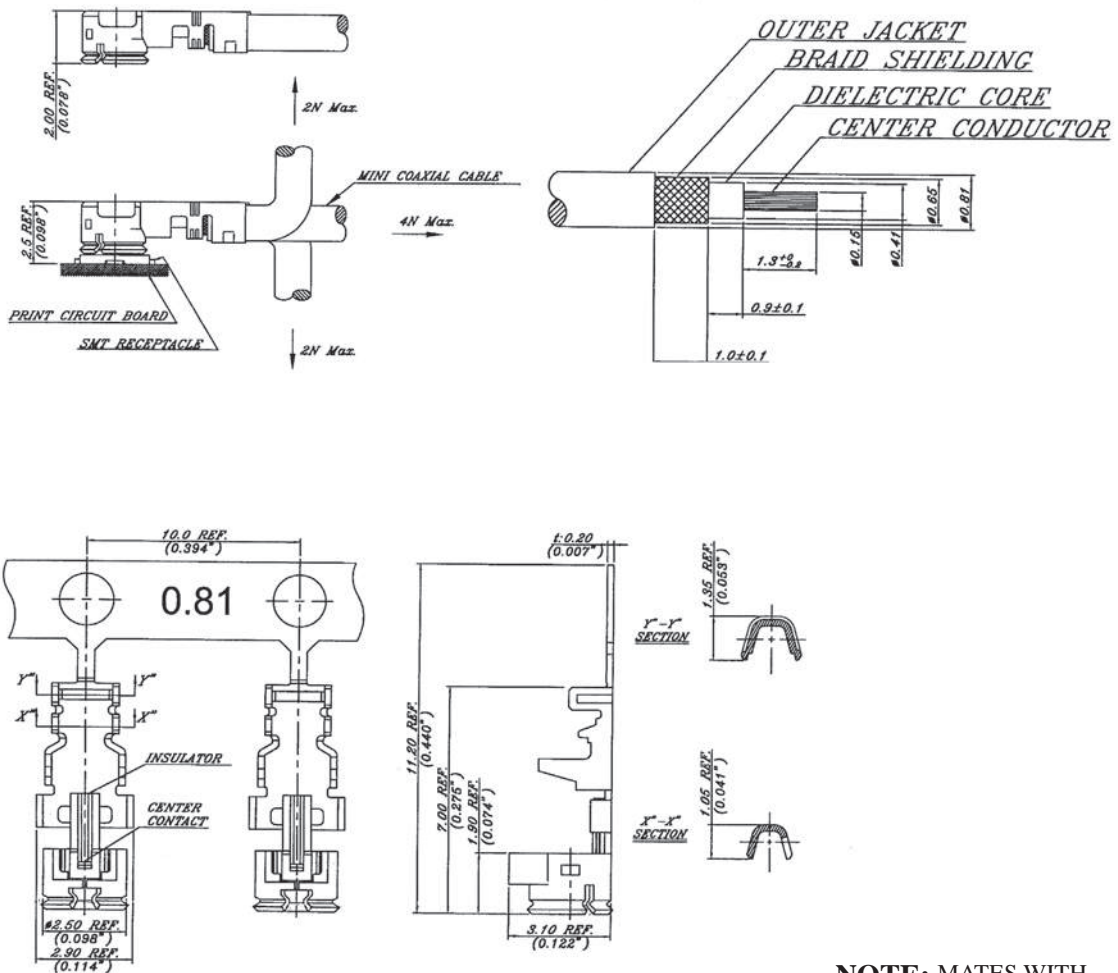
**ORDERING INFORMATION:**

**P/N FL381 CU - xx GG P50**  
                   2          3          4  5  6  7  8

- 2. CONNECTOR CODE:  
"FL381" MURATA GSC COMPATIBLE, PROFILE=2.00MM
- 3. BODY MATERIAL:  
"CU" BRASS
- 4. CABLE GROUP CODE:  
"81" Φ0.81MM CABLE (STANDARD)  
"13" Φ1.13MM CABLE
- 5. BODY FINISH:  
"G" GOLD PLATED

- 6. CENTER PIN FINISH:  
"G" GOLD PLATED
- 7. INSULATION:  
"P" PBT
- 8. IMPEDANCE:  
"50" 50 OHMS

**Φ 0.81MM MICRO COAXIAL CABLE PLUG PROFILE: 2.50MM**



**NOTE:** MATES WITH  
SMT RECEPTACLE  
P/N FL001CU-XGGL50

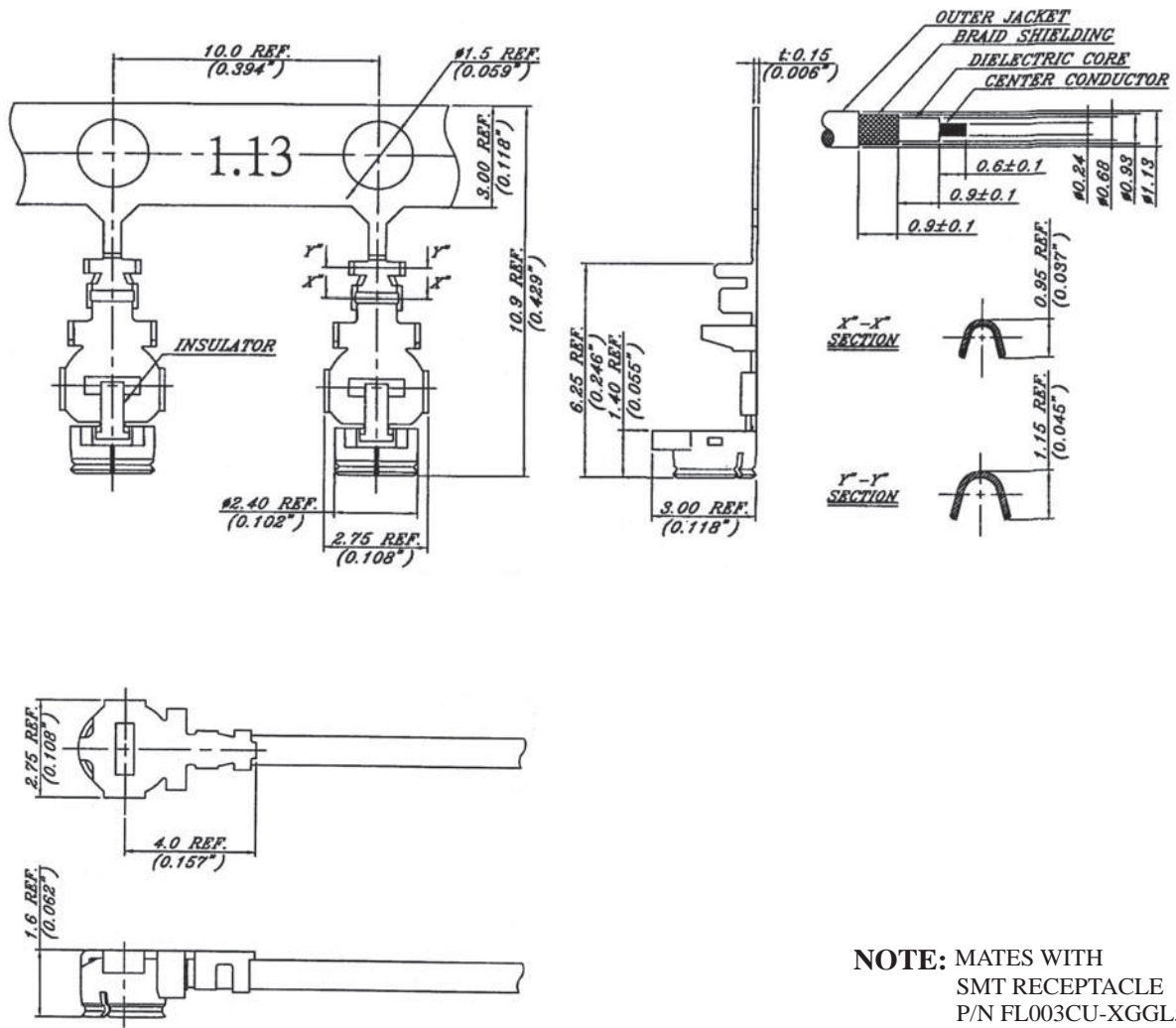
**ORDERING INFORMATION:**

**P/N FL081CU - xx GG P50**  
                   2          3          4  5  6  7  8

- 2. CONNECTOR CODE:  
"FL081" HRS U. FL COMPATIBLE, PROFILE=2.50MM
- 3. BODY MATERIAL:  
"CU" BRASS
- 4. CABLE GROUP CODE:  
"81" Φ0.81MM CABLE (STANDARD)  
"13" Φ1.13MM CABLE  
"32" Φ1.32MM CABLE  
"37" Φ1.37MM CABLE

- 5. BODY FINISH:  
"G" GOLD PLATED
- 6. CENTER PIN FINISH:  
"G" GOLD PLATED
- 7. INSULATION:  
"P" PBT
- 8. IMPEDANCE:  
"50" 50 OHMS

**Φ 1.13MM MICRO COAXIAL CABLE PLUG PROFILE: 2.00MM**



**NOTE:** MATES WITH  
SMT RECEPTACLE  
P/N FL003CU-XGGL50

**ORDERING INFORMATION:**

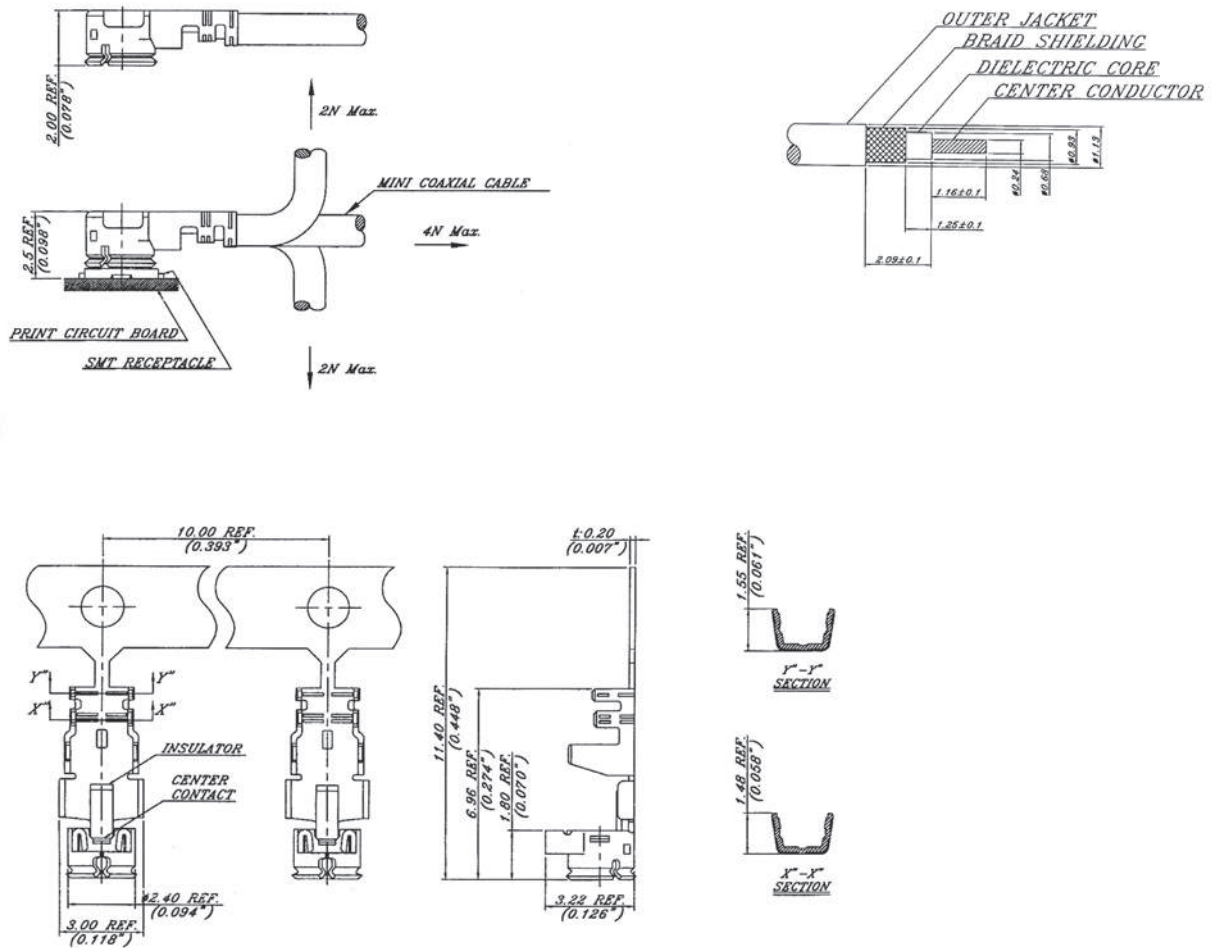
**P/N FL313CU - xxGGP50**

- 2. CONNECTOR CODE:  
"FL313" MURATA GSC COMPATIBLE, PROFILE=2.00MM
- 3. BODY MATERIAL:  
"CU" BRASS
- 4. CABLE GROUP CODE:  
"81" Φ0.81MM CABLE  
"13" Φ1.13MM CABLE (STANDARD)
- 5. BODY FINISH:  
"G" GOLD PLATED

- 6. CENTER PIN FINISH:  
"G" GOLD PLATED
- 7. INSULATION:  
"P" PBT
- 8. IMPEDANCE:  
"50" 50 OHMS



## Φ 1.13MM MICRO COAXIAL CABLE PLUG PROFILE: 2.50MM



**NOTE:** MATES WITH  
SMTRECEPTACLE  
P/N FL001CU-XGGL50

### ORDERING INFORMATION:

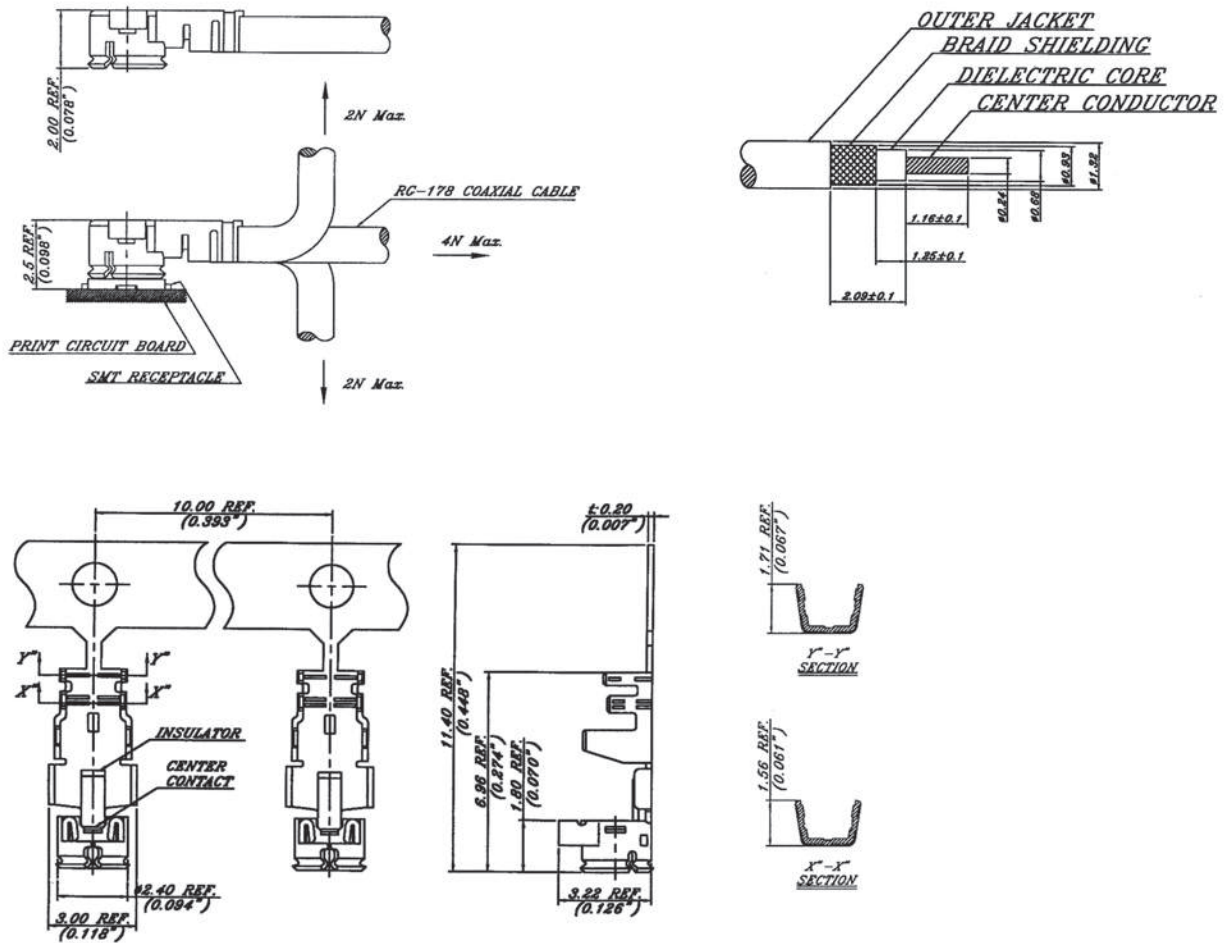
P/N FL113CU - xxGGP50

2      3      4      5      6      7      8

2. CONNECTOR CODE:  
"FL313" HRS U. FL COMPATIBLE, PROFILE=2.50MM
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"13" Φ1.13MM CABLE (STANDARD)  
"32" Φ1.32MM CABLE  
"37" Φ1.37MM CABLE

5. BODY FINISH:  
"G" GOLD PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"P" PBT
8. IMPEDANCE:  
"50" 50 OHMS

**Φ 1.32MM MICRO COAXIAL CABLE PLUG PROFILE: 2.50MM**



**NOTE:** MATES WITH  
SMT RECEPTACLE  
P/N FL001CU-XGGL50

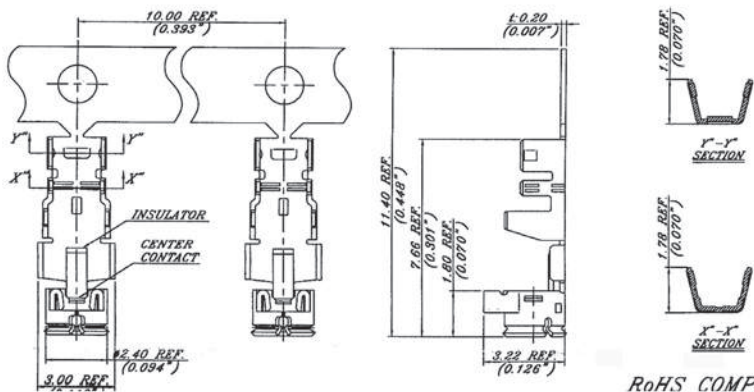
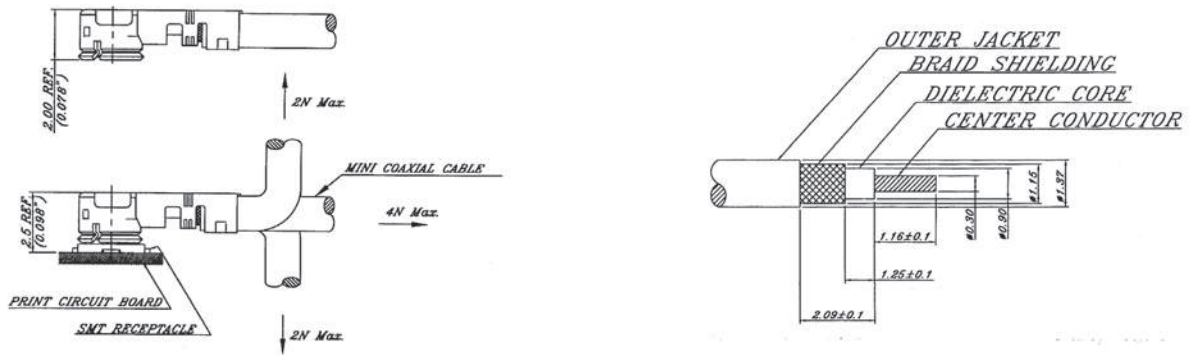
**ORDERING INFORMATION:**

**P/N FL132 CU - xx G G P50**  
                   2          3          4  5  6  7  8

- 2. CONNECTOR CODE:  
"FL132" HRS U. FL COMPATIBLE, PROFILE=2.50MM
- 3. BODY MATERIAL:  
"CU" BRASS
- 4. CABLE GROUP CODE:  
"13" Φ1.13MM CABLE  
"32" Φ1.32MM CABLE (STANDARD)  
"37" Φ1.37MM CABLE

- 5. BODY FINISH:  
"G" GOLD PLATED
- 6. CENTER PIN FINISH:  
"G" GOLD PLATED
- 7. INSULATION:  
"P" PBT
- 8. IMPEDANCE:  
"50" 50 OHMS

**Φ 1.37MM MICRO COAXIAL CABLE PLUG PROFILE: 2.50MM**



RoHS COMPLIANCE

**NOTE:** MATES WITH  
SMT RECEPTACLE  
P/N FL001CU-XGGL50

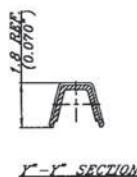
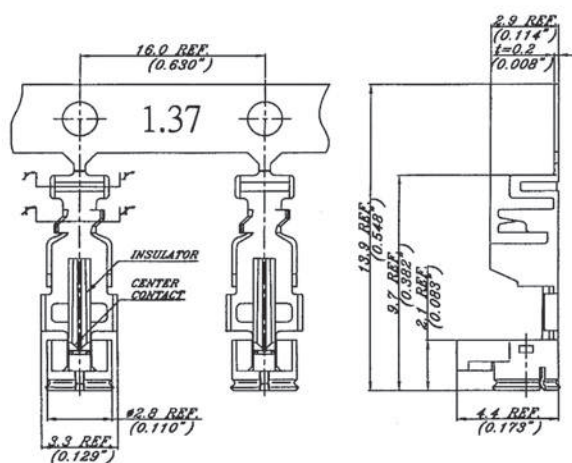
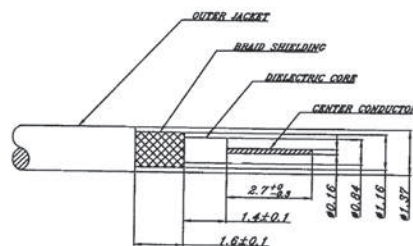
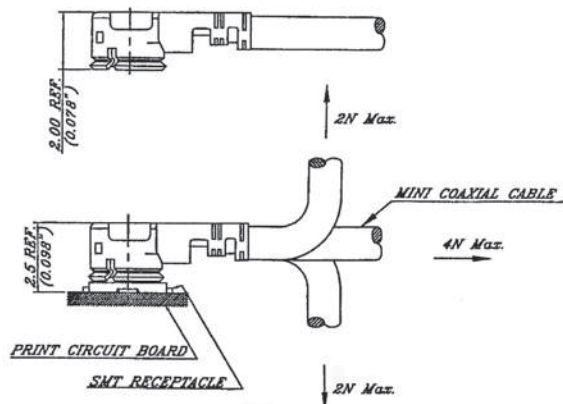
**ORDERING INFORMATION:**

**P/N FL137CU - xx GG P50**  
                   2      3      4      5      6      7      8

- 2. CONNECTOR CODE:  
"FL137" HRS U. FL COMPATIBLE, PROFILE=2.50MM
- 3. BODY MATERIAL:  
"CU" BRASS
- 4. CABLE GROUP CODE:  
"13" Φ1.13MM CABLE  
"32" Φ1.32MM CABLE  
"37" Φ1.37MM CABLE (STANDARD)

- 5. BODY FINISH:  
"G" GOLD PLATED
- 6. CENTER PIN FINISH:  
"G" GOLD PLATED
- 7. INSULATION:  
"P" PBT
- 8. IMPEDANCE:  
"50" 50 OHMS

# Φ 1.37MM MICRO COAXIAL CABLE PLUG PROFILE: 3.00MM



**NOTE1:** IMPEDANCE 75Ω  
**NOTE2:** MATES WITH SMT RECEPTACLE P/N FL002CU-XGGL50

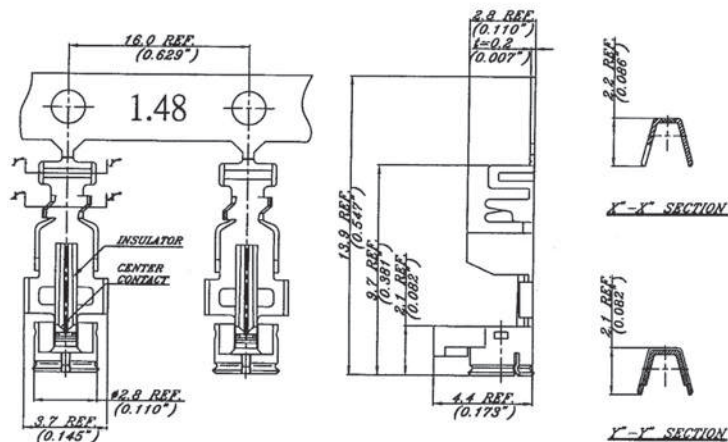
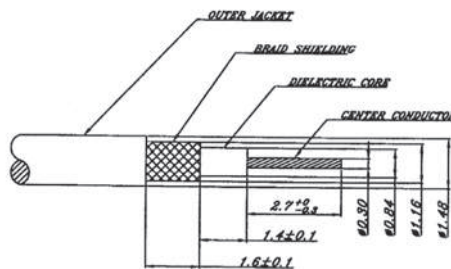
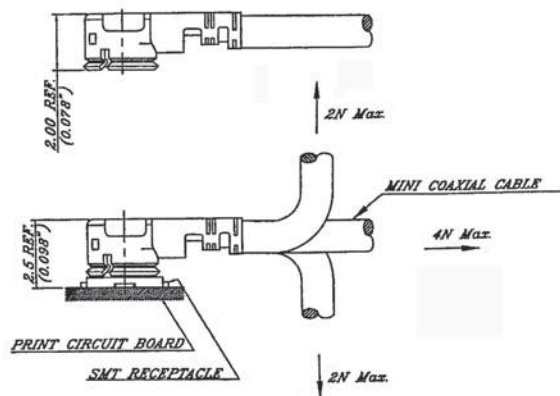
## ORDERING INFORMATION:

P/N FL237 CU - 37 G G P75  
 2 3 4 5 6 7 8

2. CONNECTOR CODE:  
"FL237" HRS H. FL COMPATIBLE, PROFILE=3.00MM
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"37" Φ1.37MM CABLE

5. BODY FINISH:  
"G" GOLD PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"P" PBT
8. IMPEDANCE:  
"75" 75 OHMS

**Φ 1.48MM MICRO COAXIAL CABLE PLUG PROFILE: 3.00MM**



**NOTE1:** IMPEDANCE 50Ω  
**NOTE2:** MATES WITH  
 SMT RECEPTACLE  
 P/N FL002CU-XGGL50

**ORDERING INFORMATION:**

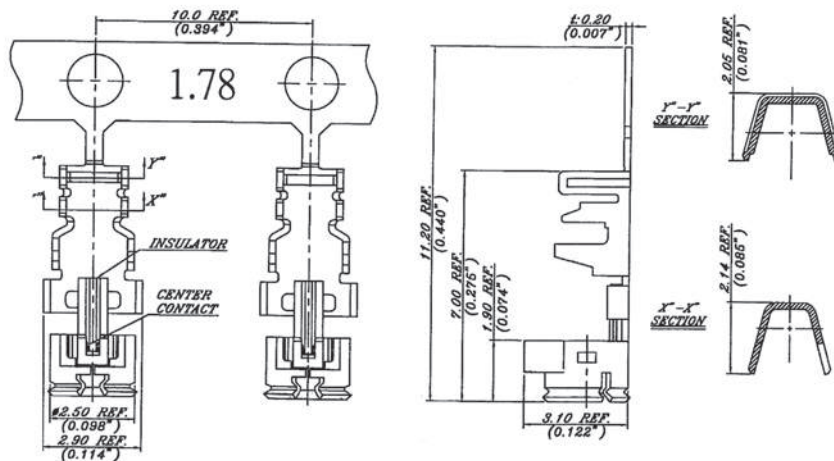
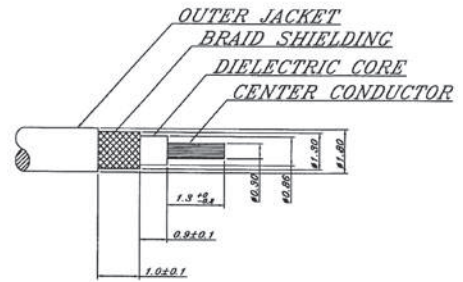
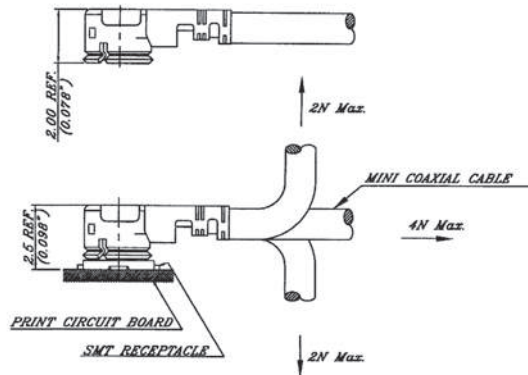
**P/N FL248CU-48GGP50**

- 2. CONNECTOR CODE:  
"FL248" HRS H. FL COMPATIBLE, PROFILE=3.00MM
- 3. BODY MATERIAL:  
"CU" BRASS
- 4. CABLE GROUP CODE:  
"48" Φ1.48MM CABLE
- 5. BODY FINISH:  
"G" GOLD PLATED

- 6. CENTER PIN FINISH:  
"G" GOLD PLATED
- 7. INSULATION:  
"P" PBT
- 8. IMPEDANCE:  
"50" 50 OHMS



## RG 178/U MICRO COAXIAL CABLE PLUG PROFILE: 2.50MM



**NOTE:** MATES WITH  
SMT RECEPTACLE  
P/N FL001CU-XGGL50

### ORDERING INFORMATION:

P/N FL178 CU - xx G G P 50  
2 3 4 5 6 7 8

2. CONNECTOR CODE:  
"FL178" HRS U. FL COMPATIBLE, PROFILE=2.50MM
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"81"  $\Phi$ 0.81MM CABLE  
"13"  $\Phi$ 1.13MM CABLE  
"32"  $\Phi$ 1.32MM CABLE  
"37"  $\Phi$ 1.37MM CABLE  
"M" RG 178/U CABLE (STANDARD)

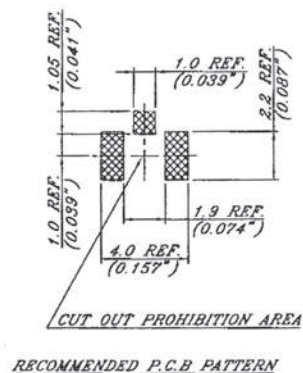
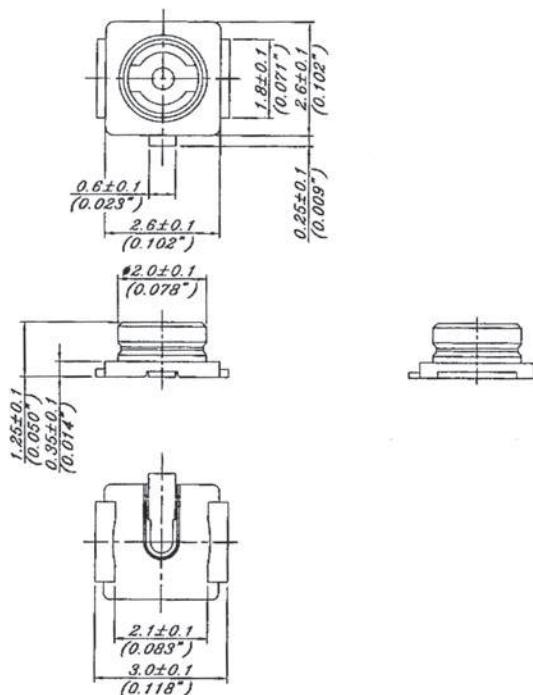
5. BODY FINISH:  
"G" GOLD PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"P" PBT
8. IMPEDANCE:  
"50" 50 OHMS

## MICRO COAXIAL RECEPTACLE SMT TYPE (1)

### FL001CU-XGGL50

MICRO COAXIAL RECEPTACLE  
SMT TYPE 0~6 GHz HRS U.FL  
COMPATIBLE

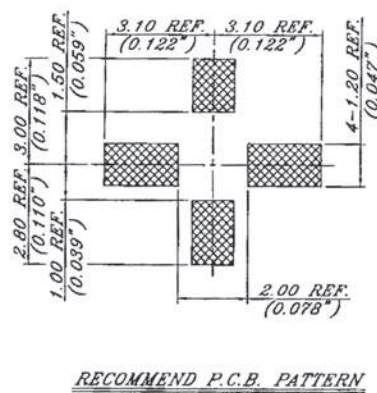
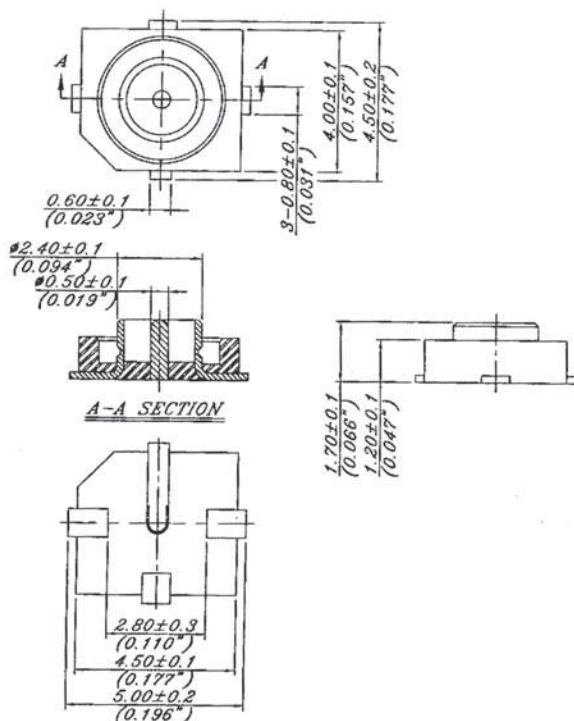
\*MATES WITH CABLE PLUGS FL081, FL113,  
FL132, FL137, FL178 & FL481CU.\*\*GGP50



### FL002CU-XGGL50

MICRO COAXIAL RECEPTACLE SMT  
TYPE 0~3 GHz HRS H.FL COMPATIBLE

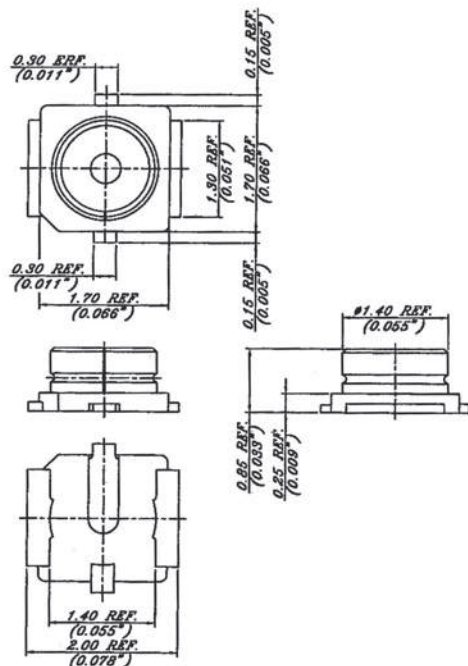
\*MATES WITH CABLE PLUGS  
FL237CU-37GGP75 & FL248CU-48GGP50



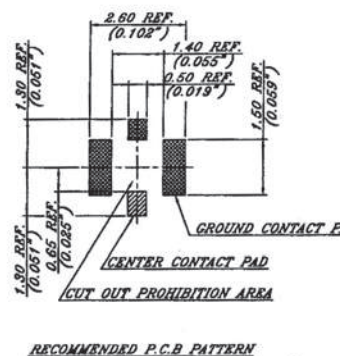
## MICRO COAXIAL RECEPTACLE SMT TYPE (2)

### FL005CU-XGGL50

MICRO COAXIAL RECEPTACLE  
SMT TYPE 0~6 GHz HRS W.FL  
COMPATIBLE

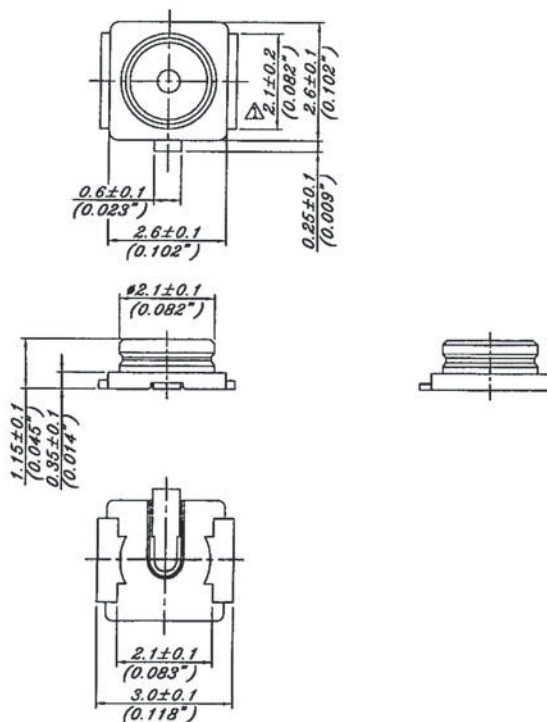


\*MATES WITH CABLE PLUGS  
FL581CU-81GGP50

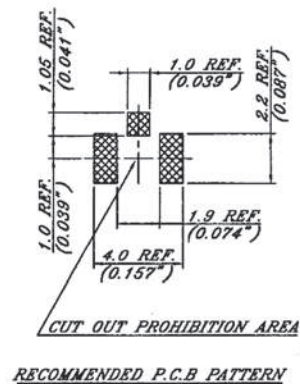


### FL003CU-XGGL50

MICRO COAXIAL RECEPTACLE  
SMT TYPE 0~6 GHz MURATA GSC  
COMPATIBLE

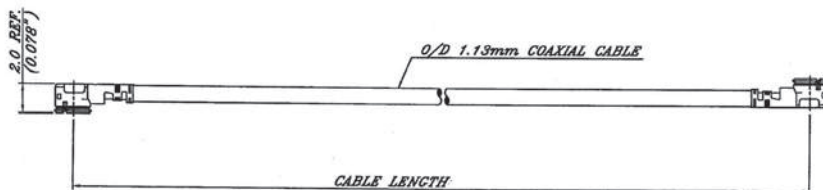


\*MATES WITH CABLE PLUGS  
FL381CU-81GGP50 & FL313CU-13GGP50

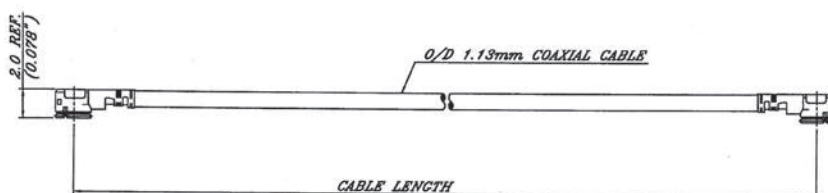


## MINI COAXIAL CABLE WITH I-PEX PLUGS

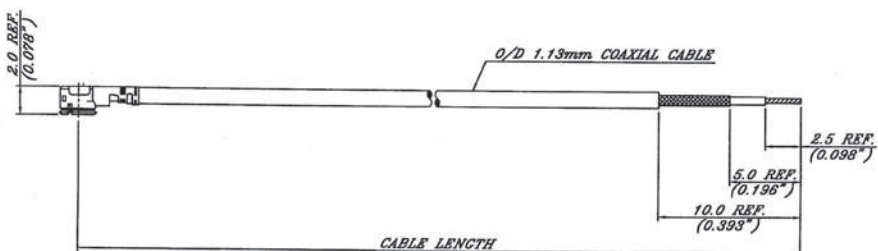
### KRF016-xxx-xxM



### KRF150-xxx-xxM



### KRF017-xxx-xxM



## ORDERING INFORMATION:

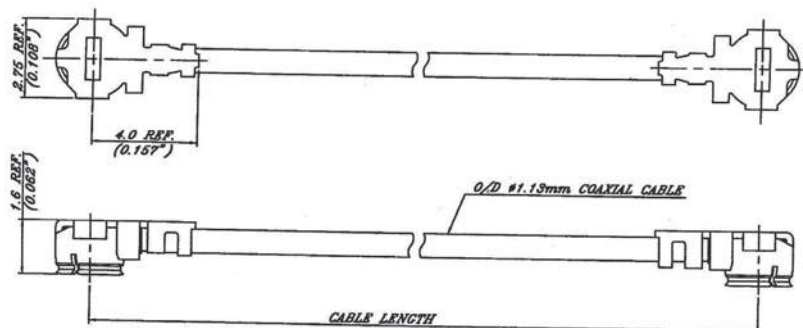
P/N K R F xxx - xxx - xx M

1            2            3

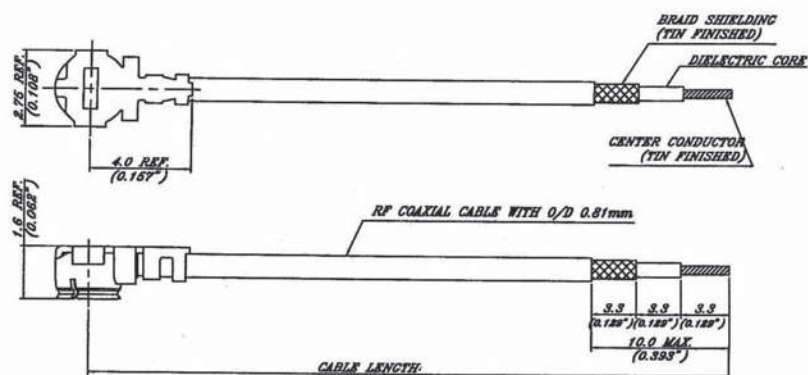
1. CONNECTOR AT 2 ENDS :
  - "016" U. FL PLUG TO U. FL PLUG
  - "150" U. FL PLUG TO U. FL PLUG
  - "017" U. FL PLUG TO TINNED END
2. CABLE TYPE:
  - "113"  $\Phi$ 1.13MM CABLE
  - "132"  $\Phi$ 1.32MM CABLE
  - "137"  $\Phi$ 1.37MM CABLE
3. CABLE LENGTH IN METERS:
  - 0.2M, 0.5M, 1M, 2M,...etc.

## MINI COAXIAL CABLE WITH GSC PLUGS

### KRF151-xxx-xxM



### KRF152-xxx-xxM



## ORDERING INFORMATION:

P/N K R F xxx - xxx - xxM

1            2            3

1. CONNECTOR AT 2 ENDS :  
 "151" MURATA GSC PLUG TO GSC PLUG  
 "150" MURATA GSC PLUG TO TINNED END
2. CABLE TYPE:  
 "081"  $\Phi$ 0.81MM CABLE  
 "113"  $\Phi$ 1.13MM CABLE
3. CABLE LENGTH IN METERS:  
 0.2M, 0.5M, 1M, 2M,...etc.



## MCX SERIES CONNECTORS & ADAPTORS

### 50 Ohm 0-6GHz

MCX micro-miniature connectors are excellent electrical characteristics and particularly simple, suitable for 50 ohm applications and used at frequency range up to 6 GHz.

The MCX devices enable a 30% space reduction over similar SMB/SMC types.

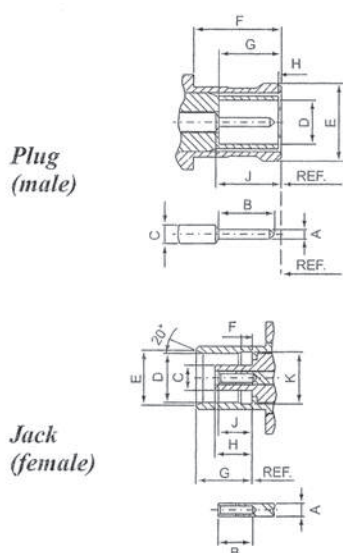
The MCX is available for affixing to industry standard cable and as a printed circuit board device.

The “push-on/pull-off” connection feature between devices offer the user easy of assemble in dense packaging layouts.

These small size, weight, performance and ease of assembly are the driving considerations to the final design decision.

These include GPS, wireless communications (WLAN and mobile) and automotive are

### Interface Dimensions:



	Plug		Jack	
	min.	max.	min.	max.
A	0.48/.019	0.53/.021	0.95/.037 nom.	
B	2.49/.098	2.59/.102	2.80/.110	-
C	0.95/.037 nom.		1.80/.071	1.98/.078
D	2.00/.079	2.07/.081	3.42/.135	3.48/.137
E	3.72/.146*	3.80/.150*	3.75/.148	3.85/.152
F	4.15/.163	-	0.75/.030	0.85/.033
G	2.80/.110	3.20/.126	4.00/.157	4.12/.162
H	-	0.30/.012	2.60/.102	2.80/.110
J	2.80/.110	3.20/.126	2.30/.091	2.80/.110
K	-	-	3.60/.142	3.70/.146

PS.\*prior to slotting.

### Electrical:

Impedance	50 ohm	75 ohm
Frequency Range	0 to 6.0 GHz	0 to 6.0 GHz
VSWR	0-2 GHz→ 1.22 max GHz(Straight) 1.50 max GHz(Right angle)	
	2-6 GHz→ 1.35 max GHz(Straight) 1.63 max GHz(Right angle)	
Insertion Loss	0.1dB max @ 1GHz(Straight)	
	0.2dB max @ 1GHz(Right angle)	

## MCX PLUG CRIMP TYPE (1)

### MC803CU-\*GGT50

MCX PLUG CRIMP  
RIGHT ANGLE TYPE



### MC801CU-\*GGT50

MCX PLUG CRIMP TYPE



## ORDERING INFORMATION:

P/N M C x x x C U - x G G T x x  
2 3 4 5 6 7 8

2. CONNECTOR CODE :

MC801, MC803

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"L" RG174/U, RG316/U (50Ω)

"M" RG178/U, RG196/U (50Ω)

"V6" RG316/U DOUBLE BRAID (50Ω)

"N" RG179/U, RG187/U (75Ω)

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

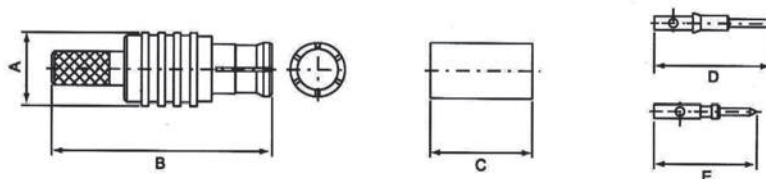
"50" 50 OHMS

"75" 75 OHMS

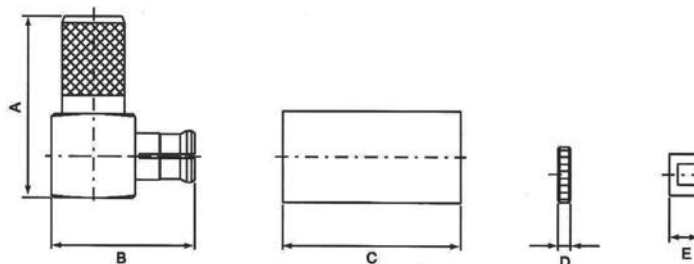
\*SEE PAGE H0002 FOR THE OTHERS!

## MCX PLUG CRIMP TYPE (2)

**MC779CU-\*GGT\*\***  
MCX PLUG CRIMP TYPE



**MC780CU-\*GGT\*\***  
MCX PLUG CRIMP RIGHT  
ANGLE TYPE



### ORDERING INFORMATION:

P/N M C x x x C U - x G G T x x

2            3            4 5 6 7 8

2. CONNECTOR CODE :

MC779, MC780

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"L" RG174/U, RG316/U (50Ω)

"M" RG178/U, RG196/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

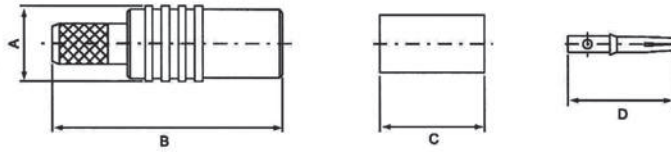
"50" 50 OHMS

"75" 75 OHMS

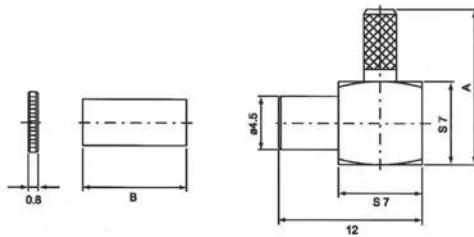
\*SEE PAGE H0002 FOR THE OTHERS!

## MCX JACK CRIMP TYPE (1)

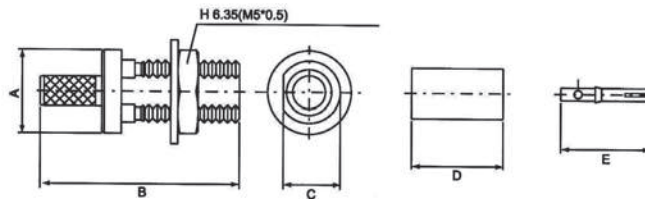
### MC781CU-\*GGT\*\* MCX JACK CRIMP TYPE



### MC817CU-\*GGT\*\* MCX JACK CRIMP RIGHT ANGLE TYPE



### MC818CU-\*GGT\*\* MCX JACK CRIMP BULKHEAD TYPE



## ORDERING INFORMATION:

P/N MCxxx CU - x G G T xx  
           2          3          4 5 6 7 8

2. CONNECTOR CODE :  
MC781, MC817, MC818

3. BODY MATERIAL:  
"CU" BRASS

4. CABLE GROUP CODE:  
"L" RG174/U, RG316/U (50Ω)  
"M" RG178/U, RG196/U (50Ω)  
"N" RG179/U, RG187/U (75Ω)

\*SEE PAGE H0002 FOR THE OTHERS!

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

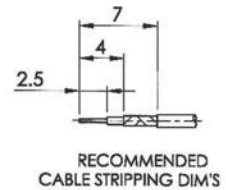
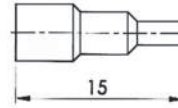
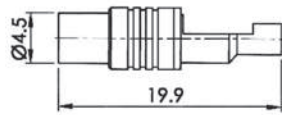
"50" 50 OHMS

"75" 75 OHMS

## MCX JACK CRIMP TYPE (2)

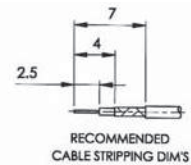
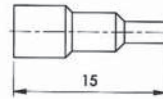
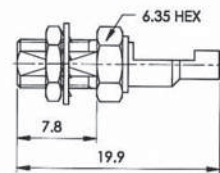
### MC850CU-13GGT50

MCX JACK CRIMP TYPE  
FOR 1.13MM, 1.32MM  
& 1.5MM CABLE



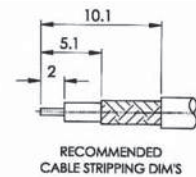
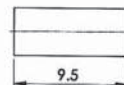
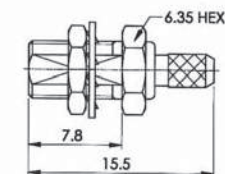
### MC852CU-13GGT50

MCX JACK CRIMP BULKHEAD  
TYPE FOR 1.13MM, 1.32MM &  
1.5MM CABLE



### MC851CU-\*GGT50

MCX JACK CRIMP  
BULKHEAD TYPE



## ORDERING INFORMATION:

P/N M C x x x C U - x G G T 5 0  
2 3 4 5 6 7 8

2. CONNECTOR CODE :  
MC850, MC852, MC851
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"13" 1.13MM ~ 1.50MM  
"V6" RG316/U DOUBLE BRAID  
"L" RG174/U, RG316/U  
"M" RG178/U, RG196/U  
"N" RG179/U, RG187/U

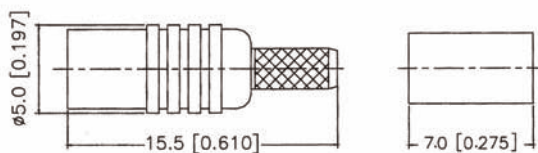
5. BODY FINISH:  
"G" GOLD PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

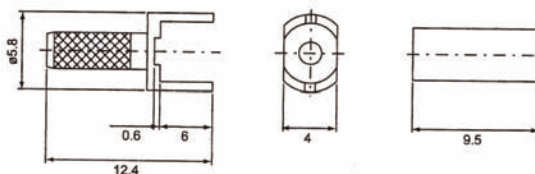


## MCX JACK CRIMP TYPE (3)

### MC802CU-\*GGT50 MCX JACK CRIMP TYPE



### MC819CU-\*GGT50 MCX JACK PCB CABLE TERMINAL-CRIMP TYPE



## ORDERING INFORMATION:

P/N M C x x x C U - x G G T 5 0

2                      3                      4 5 6 7 8

2. CONNECTOR CODE :

MC802, MC819

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"L" RG174/U, RG316/U (50 $\Omega$ )

"M" RG178/U, RG196/U (50 $\Omega$ )

"V6" RG316/U DOUBLE BRAID (50 $\Omega$ )

"N" RG179/U, RG187/U (75 $\Omega$ )

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

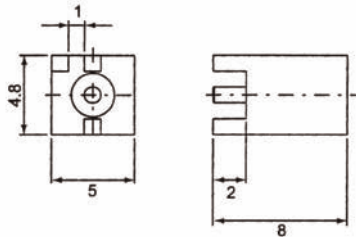
8. IMPEDANCE:

"50" 50 OHMS

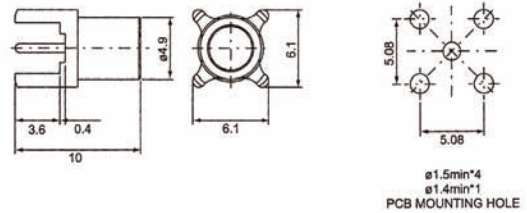
\*SEE PAGE H0002 FOR THE OTHERS!

## MCX JACK PCB MOUNT TYPE (1)

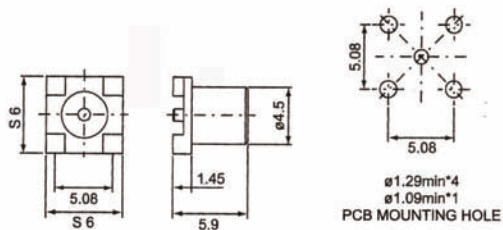
**MC827CU-XGGT50**  
**MC827CU-XGGT75**  
 MCX JACK STRAIGHT PCB MOUNT TYPE



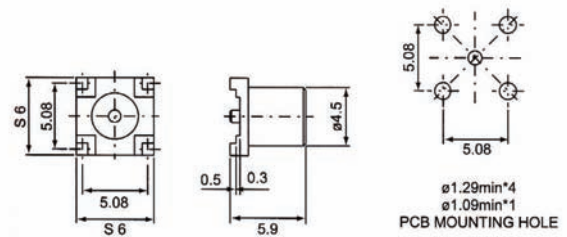
**MC828CU-XGGT50**  
**MC828CU-XGGT75**  
 MCX JACK WITH 4 LEGS PCB MOUNT TYPE



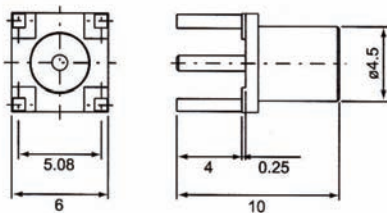
**MC829CU-XGGT50**  
**MC829CU-XGGT75**  
 MCX JACK WITH 4 LEGS SMT PCB MOUNT TYPE



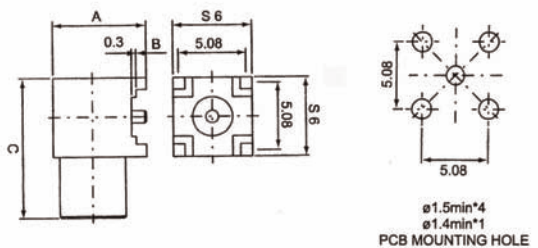
**MC808CU-XGGT50**  
**MC808CU-XGGT75**  
 MCX JACK SMT PCB MOUNT TYPE



**MC807CU-XGGT50**  
**MC807CU-XGGT75**  
 MCX JACK WITH 4 LEGS PCB MOUNT TYPE



**MC841CU-XGGT\*\*** (50, 75 OHMS)  
**MC842CU-XGGT\*\*** (50, 75 OHMS)  
 MCX JACK RIGHT ANGLE SMT PCB MOUNT TYPE  
**MC841: A/B/C = 7.1/0.8/10MM**  
**MC842: A/B/C = 10/4/9MM**



## MCX JACK PCB MOUNT TYPE (2)

**MC830CU-XGGT\*\***  
**MC831CU-XGGT\*\***  
**MC832CU-XGGT\*\***

MCX JACK SOLDER PCB MOUNT TYPE

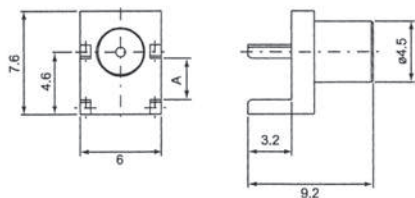
DIMENSION A:

MC830CU: A=3.00MM

MC831CU: A=1.73MM

MC832CU: A=1.22MM

\*\*= 50 & 75 OHMS



**MC833CU-XGGT\*\***  
**MC834CU-XGGT\*\***  
**MC835CU-XGGT\*\***

MCX JACK SOLDER PCB MOUNT TYPE

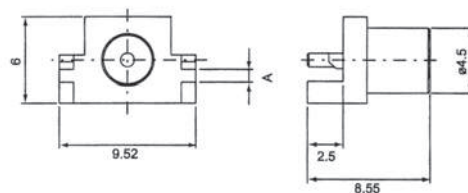
DIMENSION A:

MC833CU: A=0.90MM

MC834CU: A=1.73MM

MC835CU: A=1.22MM

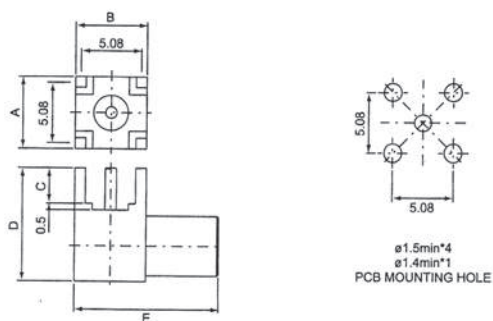
\*\*= 50 & 75 OHMS



**MC836CU-XGGT\*\***  
**MC837CU-XGGT\*\***  
**MC838CU-XGGT\*\***  
**MC839CU-XGGT\*\***  
**MC840CU-XGGT\*\***

MCX JACK RIGHT ANGLE SMT PCB MOUNT TYPE

\*\*= 50 & 75 OHMS

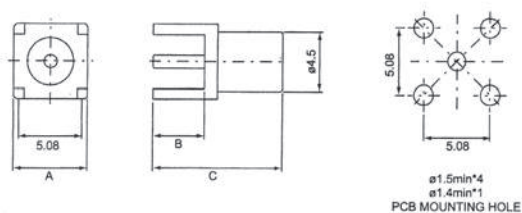


PART NO.	A	B	C	D	E
MC836CU	6	6	4	10	9
MC837CU	6	6	3	9.5	12
MC838CU	6	6.3	4	10	9.7
MC839CU	6.2	6.2	4	10	9.6
MC840CU	6	6	3	9.5	9.4

**MC823CU-XGGT\*\***  
**MC824CU-XGGT\*\***  
**MC825CU-XGGT\*\***  
**MC826CU-XGGT\*\***

MCX JACK SOLDER PCB MOUNT TYPE

\*\*= 50 & 75 OHMS

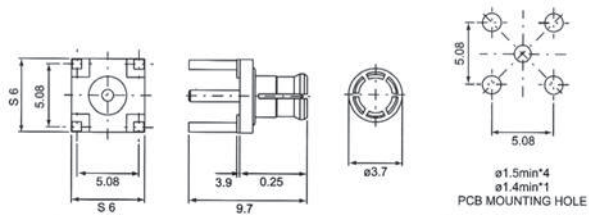


PART NO.	A	B	C
MC823CU	5.7	4	10
MC824CU	6	3.5	10
MC825CU	6	1.6	8.2
MC826CU	6	1.6	9.7

## MCX PLUG/JACK PCB MOUNT TYPE

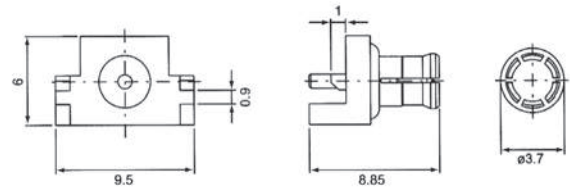
### MC810CU-XGGT50 MC810CU-XGGT75

MCX PLUG WITH 4 LEGS PCB MOUNT TYPE



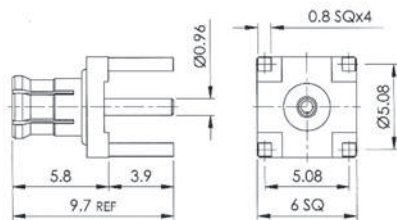
### MU820CU-XGGT50 MU820CU-XGGT75

MCX PLUG STRAIGHT PCB MOUNT TYPE



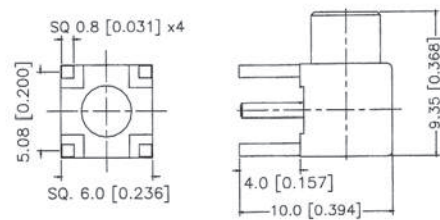
### MC762CU-XGGT50

MCX PCB MOUNT PLUG



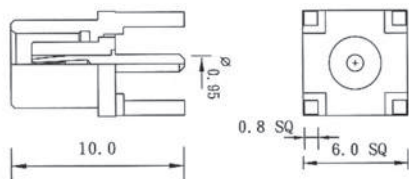
### MC809CU-XGGT50

MCX JACK WITH 4 LEGS R/A PCB MOUNT TYPE



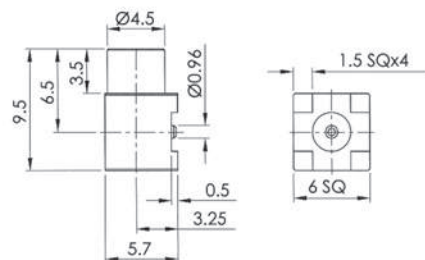
### MC758CU-XGGT50

MCX PCB MOUNT JACK



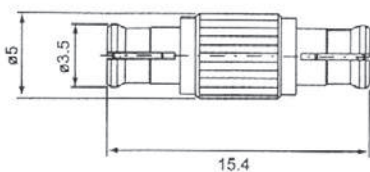
### MC776CU-XGGT50

MCX SMT MOUNT JACK RIGHT ANGLE TYPE

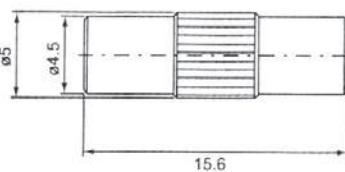


## MCX TO OTHER & IN-SERIES ADAPTORS

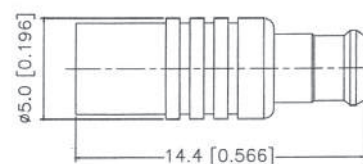
**MC843CU-XGGT50**  
**MC843CU-XGGT75**  
 MCX DOUBLE MALE



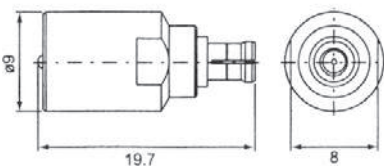
**MC844CU-XGGT50**  
**MC844CU-XGGT75**  
 MCX DOUBLE FEMALE



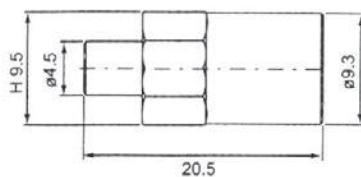
**MC815CU-XGGT50**  
**MC815CU-XGGT75**  
 MCX MALE TO  
 MCX FEMALE



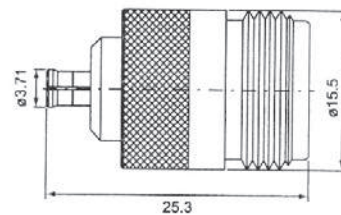
**MC845CU-XGGT50**  
**MC845CU-XGGT75**  
 MCX MALE TO FME MALE



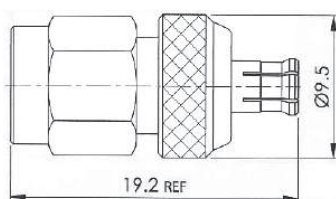
**MC846CU-XGGT50**  
**MC846CU-XGGT75**  
 MCX FEMALE TO  
 FME MALE



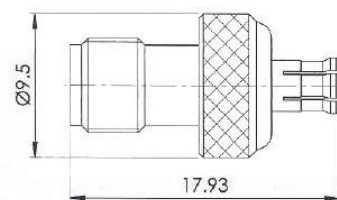
**MC847CU-XGGT50**  
**MC847CU-XGGT75**  
 MCX MALE TO  
 N FEMALE



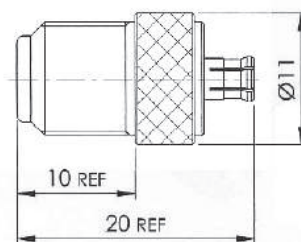
**MC773CU-XGGT50**  
 SMA MALE TO  
 MCX MALE



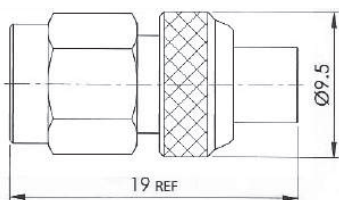
**MC770CU-XGGT50**  
 SMA FEMALE TO  
 MCX MALE



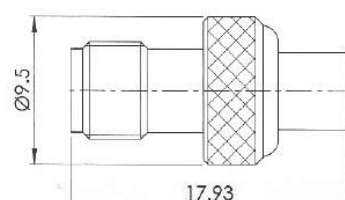
**MC782CU-XNGT75**  
 MCX MALE TO F FEMALE



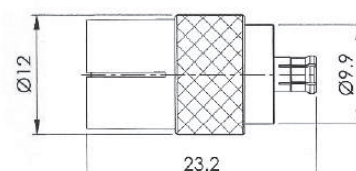
**MC772CU-XGGT50**  
 SMA MALE TO  
 MCX FEMALE



**MC771CU-XGGT50**  
 SMA FEMALE TO  
 MCX FEMALE



**MC783CU-XNGD75**  
 MCX MALE TO PAL FEMALE





## MMCX SERIES CONNECTORS & ADAPTORS

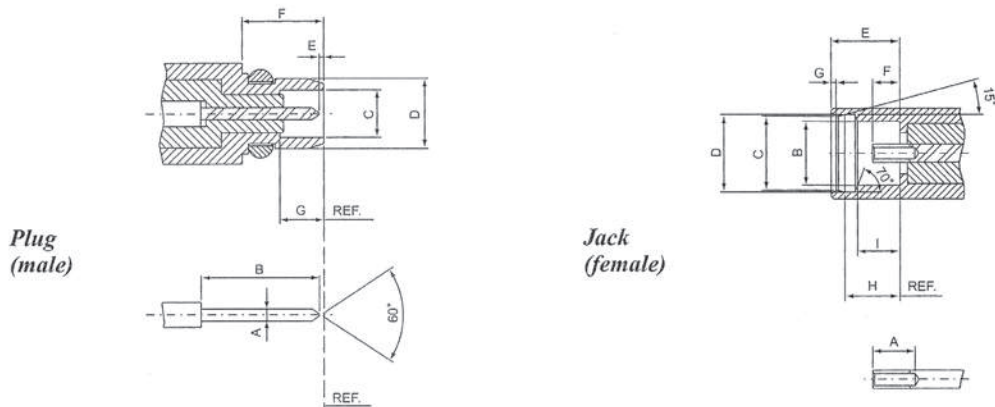
### 50 Ohm 0-6GHz

The MMCX connectors are designed for the small size, they can be used in applications from DC to 6 GHz and provide repeatable performance.

They're reliable "snap-on" coupling mechanism and are also responsible for transferring excellent electrical parameters during use.

Owing to the non-slotted outer conductor, the MMCX series has a low RF-leakage.

### Interface Dimensions:



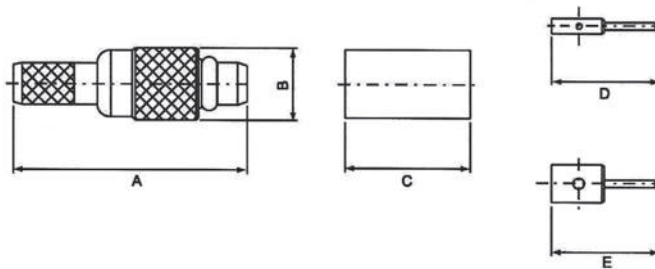
	Plug		Jack	
	min.	max.	min.	max.
A	0.38/.015	0.42/.017	1.40/.055	-
B	-	3.15/.124	2.41/.095	-
C	1.58/.062	1.62/.064	2.88/.113	2.90/.114
D	-	2.40/.094	3.00/.118	3.04/.120
E	0.00/.000	3.15/.124	2.60/.102	
F	2.70/.106	-	0.90/.035	1.20/.047
G	1.45/.057	-		0.23/.009
H	-	-	2.30/.091	2.34/.092
I	-	-	1.57/.062	1.63/.064

### Electrical:

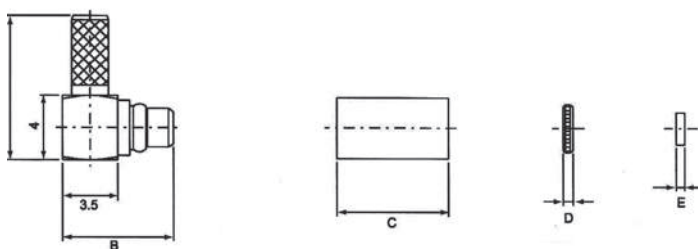
Impedance	50 ohm
Frequency Range	0 to 6.0 GHz
VSWR	1.2max GHz(Straight)
	1.3max GHz(Right angle)
Insertion Loss	0.2dB max @ 1GHz(Straight)
	0.3dB max @ 1GHz(Right angle)

## MMCX PLUG CRIMP TYPE

### MM851CU-\*GGT50 MMCX PLUG CRIMP TYPE



### MM853CU-\*GGT50 MMCX PLUG RIGHT ANGLE CRIMP TYPE



### MM853ZN-\*GGT50 MMCX PLUG RIGHT ANGLE CRIMP TYPE ZINC BODY



## ORDERING INFORMATION:

P/N MM<sub>2</sub>xxx CU<sub>3</sub> - x<sub>4</sub> G<sub>5</sub> G<sub>6</sub> T<sub>7</sub> 50<sub>8</sub>

2. CONNECTOR CODE :

MM851, MM853

3. BODY MATERIAL:

"CU" BRASS

"ZN" ZINC

4. CABLE GROUP CODE:

"L" RG174/U, RG316/U

"M" RG178/U, RG196/U

"V6" RG316/U DOUBLE BRAID

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

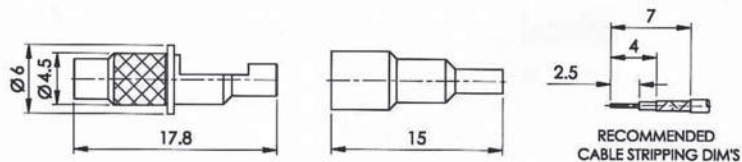
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## MMCX JACK/PLUG CRIMP TYPE

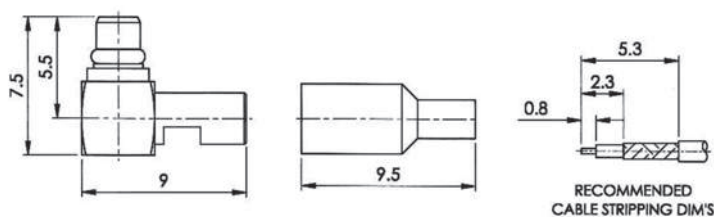
### MM876CU-13GGT50

MMCX JACK CRIMP TYPE  
FOR 1.13MM, 1.32MM  
& 1.5MM CABLE



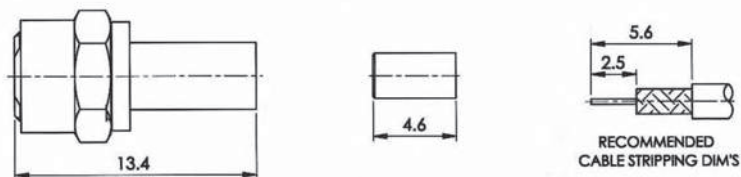
### MM897CU-13GGT50

MMCX PLUG CRIMP  
RIGHT ANGLE TYPE  
FOR 1.13MM, 1.32MM  
& 1.5MM CABLE



### MM899CU-MGGT50

MMCX JACK BULKHEAD  
CRIMP TYPE FOR RG178/U,  
RG196/U CABLE



## ORDERING INFORMATION:

P/N MM<sub>2</sub>xxx CU<sub>3</sub> - x<sub>4</sub> G<sub>5</sub> G<sub>6</sub> T<sub>7</sub> 50<sub>8</sub>

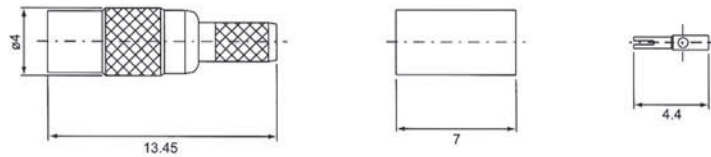
2. CONNECTOR CODE :  
MM876, MM897, MM899
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"13" 1.13MM ~ 1.5MM CABLE  
"M" RG178/U, RG196/U

5. BODY FINISH:  
"G" GOLD PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

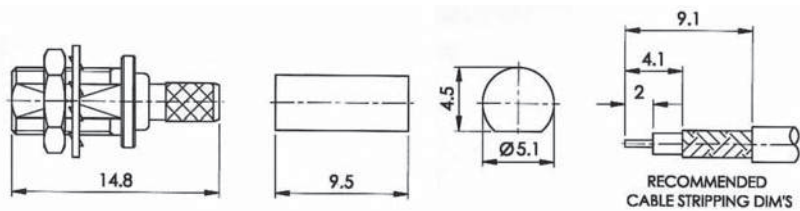
\*SEE PAGE H0002 FOR THE OTHERS!

## MMCX JACK CRIMP TYPE

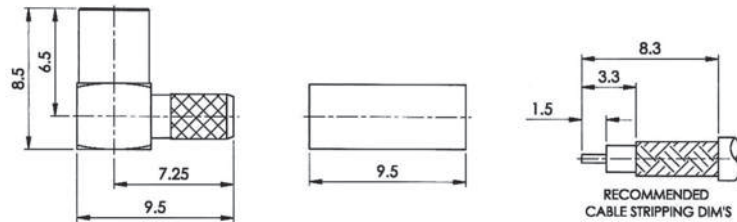
### MM852CU-\*GGT50 MMCX JACK CRIMP TYPE



### MM869CU-\*GGT50 MMCX JACK BULKHEAD CRIMP TYPE



### MM875CU-\*GGT50 MMCX JACK RIGHT ANGLE CRIMP TYPE



## ORDERING INFORMATION:

P/N M M x x x C U - x G G T 5 0

2                      3                      4 5 6 7 8

2. CONNECTOR CODE :  
MM852, MM869, MM875
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"L" RG174/U, RG316/U  
"M" RG178/U, RG196/U  
"V6" RG316/U DOUBLE BRAID  
"13" 1.13MM~1.50MM

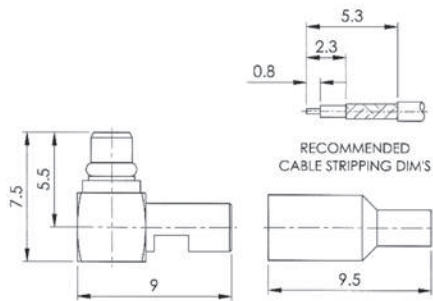
5. BODY FINISH:  
"G" GOLD PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## MMCX PLUG/JACK CRIMP TYPE & SOLDER TYPE

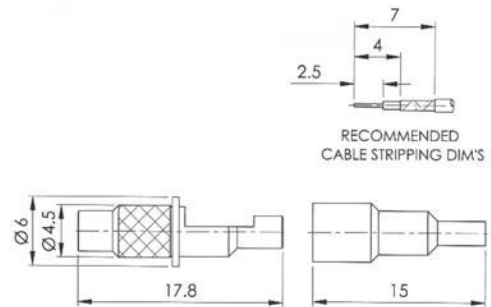
### MM897CU-13GGT50

MMCX PLUG CRIMP RIGHT ANGLE TYPE  
FOR DIA. 1.13MM CABLE



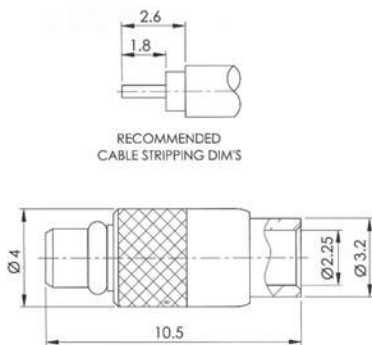
### MM876CU-13GGT50

MMCX JACK CRIMP TYPE FOR DIA. 1.13MM,  
1.32MM & 1.5MM CABLE



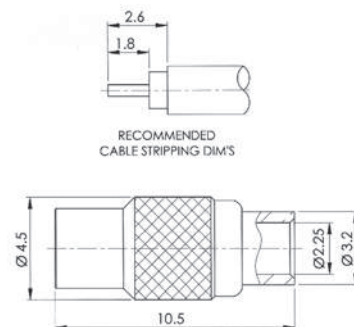
### MM898CU-R2GGT50

MMCX PLUG SOLDER TYPE FOR  
SEMI-RIGID RG405/U CABLE



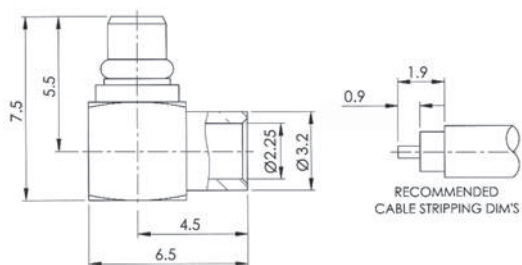
### MM855CU-R2GGT50

MMCX JACK SOLDER TYPE FOR SEMI-RIGID  
RG405/U CABLE



### MM856CU-R2GGT50

MMCX PLUG R/A SOLDER TYPE  
FOR SEMI-RIGID RG405/U CABLE

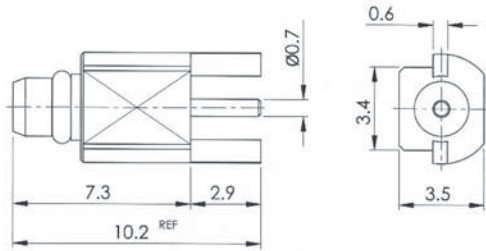




## MMCX PLUG/JACK SMT TYPE

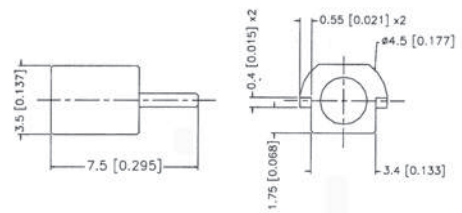
### MM884CU-XGGT50

MMCX END LAUNCH PLUG SMT TYPE



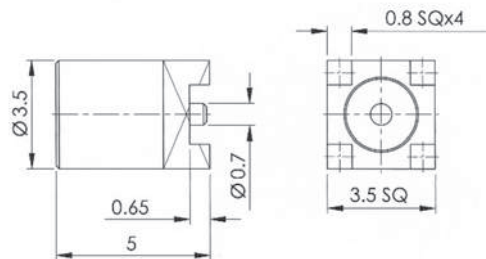
### MM862CU-XGGT50

MMCX END LAUNCH JACK SMT TYPE



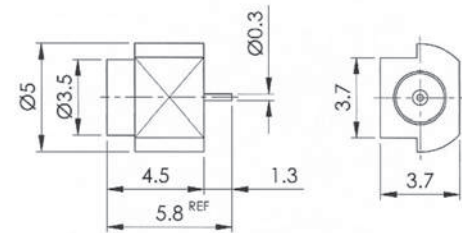
### MM881CU-XGGT50

MMCX SMT MOUNT JACK



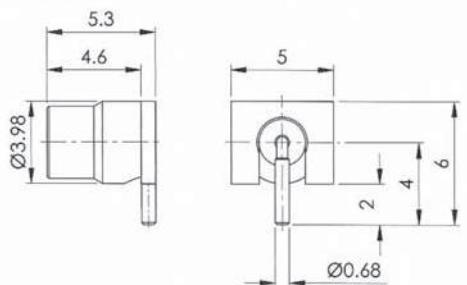
### MM883CU-XGGT50

MMCX EDGE MOUNT JACK



### MM896CU-XGGT50

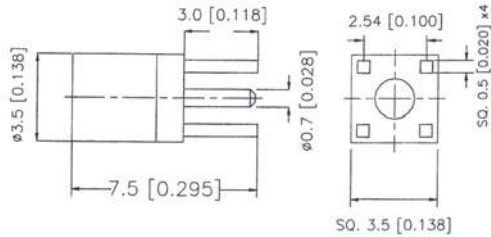
MMCX JACK RIGHT ANGLE SMT MOUNT TYPE



# MMCX JACK/PLUG PCB MOUNT TYPE

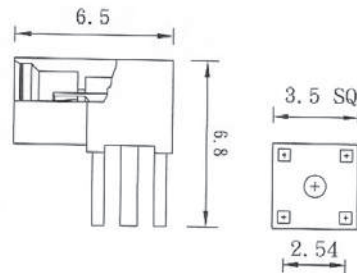
## MM858CU-XGGT50

MMCX JACK WITH 4 LEGS PCB MOUNT TYPE



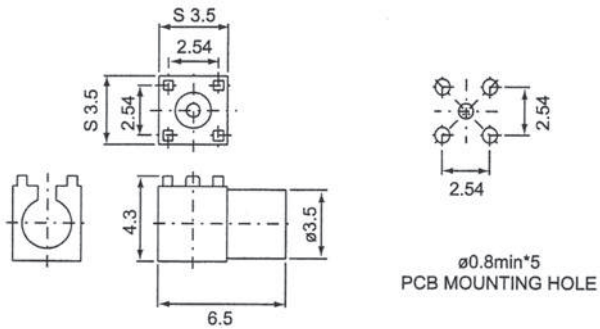
## MM859CU-XGGT50

MMCX JACK RIGHT ANGLE PCB MOUNT TYPE



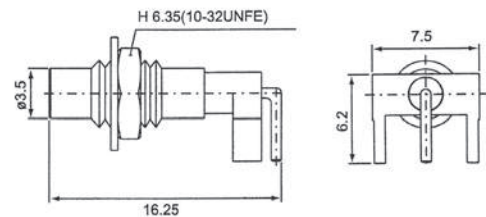
## MM863CU-XGGT50

MMCX JACK RIGHT ANGLE SMT PCB MOUNT TYPE



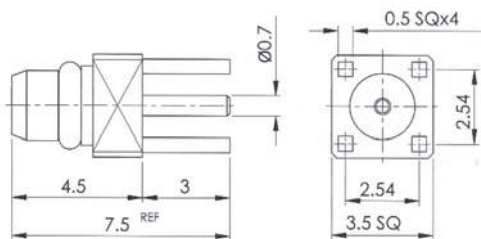
## MM864CU-XGGT50

MMCX JACK RIGHT ANGLE PCB MOUNT TYPE



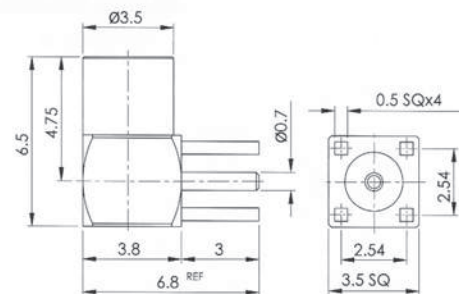
## MM857CU-XGGT50

MMCX PLUG STRAIGHT PCB MOUNT TYPE



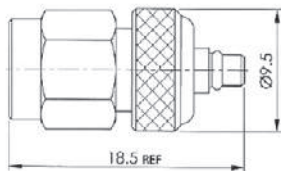
## MM886CU-XGGT50

MMCX RIGHT ANGLE PCB MOUNT JACK

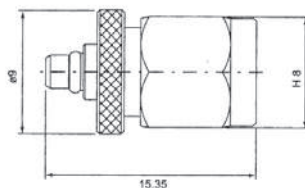


## MMCX TO OTHER & IN-SERIES ADAPTORS

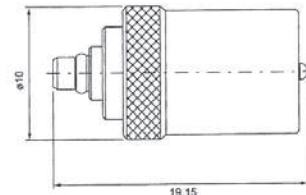
**MM901CU-XGGT50**  
MMCX MALE TO  
SMA MALE



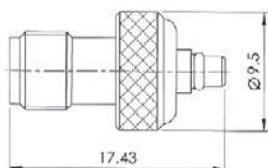
**MM866CU-XGGT50**  
MMCX MALE TO  
SMA MALE



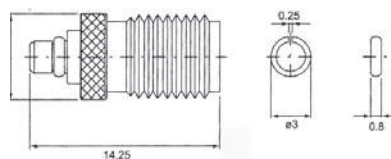
**MM865CU-XGGT50**  
MMCX MALE TO  
FME MALE



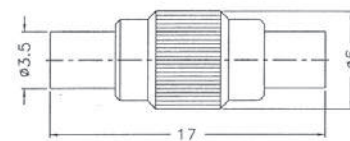
**MM902CU-XGGT50**  
MMCX MALE TO SMA FEMALE



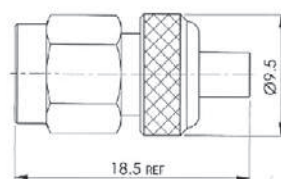
**MM867CU-XGGT50**  
MMCX MALE TO  
SMA FEMALE



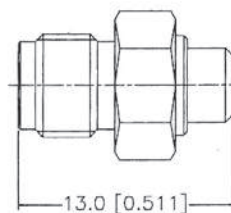
**MM860CU-XGGT50**  
MMCX DOUBLE FEMALE



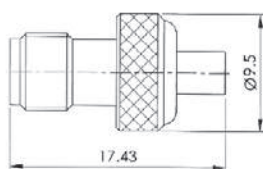
**MM903CU-XGGT50**  
MMCX FEMALE TO  
SMA MALE



**MM871CU-XGGT50**  
MMCX FEMALE TO  
SMA FEMALE



**MM904CU-XGGT50**  
MMCX FEMALE TO  
SMA FEMALE



## N SERIES CONNECTORS & ADAPTORS

### 50 Ohm 0-11GHz/75 Ohm 0-1.5GHz

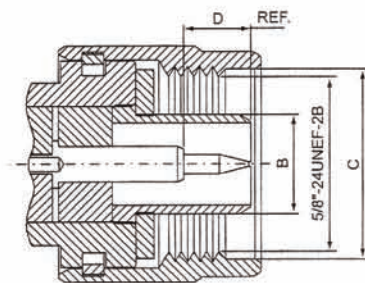
N series coaxial is impedance matched to 50-Ohm cable and they are medium-sized.

The threaded coupling ensures proper mating in applications where shock and extreme vibration are designed considerations and for use from DC to 11GHz.

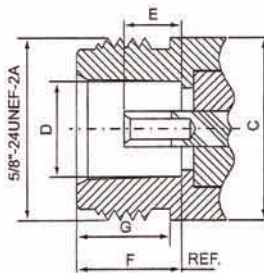
Their consistently low broadband VSWR have made them popular over the years in many applications.

Cable terminations are available in crimp, clamp and solder configurations. They're used in aerospace, broadcast, audio and video applications as well as many microwave components such as filters, couplers, amplifiers and attenuators to kind a handful.

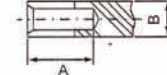
### Interface Dimensions:



Plug (male)



Jack (female)



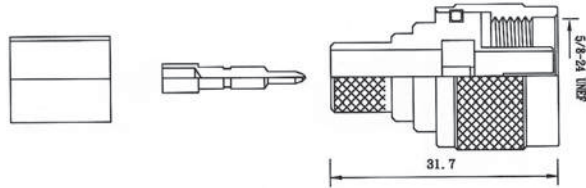
	Plug		Jack	
	min.	max.	min.	max.
A	1.60/.063	1.68/.066	5.33/.210	-
B	-	8.38/.330	3.00/.118	3.15/.124
C	16.00/.630	-	-	15.93/.627
D	5.33/.210	5.84/.230	8.03/.316	8.13/.320
E	-	3.15/.124	4.75/.187	5.26/.207
F	-	-	9.04/.056	9.19/.362
G	-	-	6.76/.266	-

### Electrical:

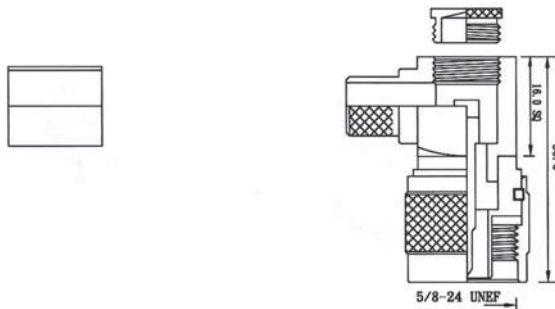
Impedance	50 ohm	75ohm
Frequency Range	0 to 11.0 GHz	0 to 1.5GHz
VSWR	Straight: 1.3max ; Right angle: 1.5max	
Insertion Loss	0.3dB max at 10GHz	

## N PLUG CRIMP TYPE (1)

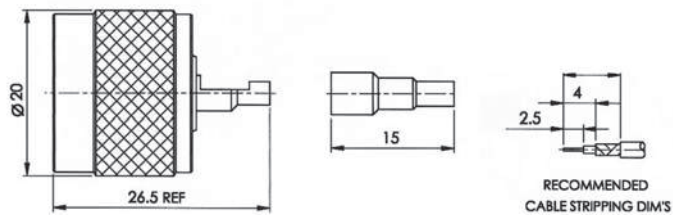
### N304CU-\*NGT50 N PLUG CRIMP TYPE (50 OHMS ONLY)



### N324CU-\*NGT50 N PLUG CRIMP RIGHT ANGLE TYPE (50 OHMS ONLY)



### N445CU-13NGT50 N PLUG CRIMP TYPE FOR 1.13MM, 1.32MM & 1.5MM CABLE



## ORDERING INFORMATION:

P/N  $\frac{N}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{NGT}{6} \frac{50}{7} \frac{50}{8}$

2. CONNECTOR CODE :  
N304, N324, N445
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"B" RG213/U, B8267  
"C" RG214/U, B8268  
"P" RG223/U  
"F" RG58/U, RG141/U

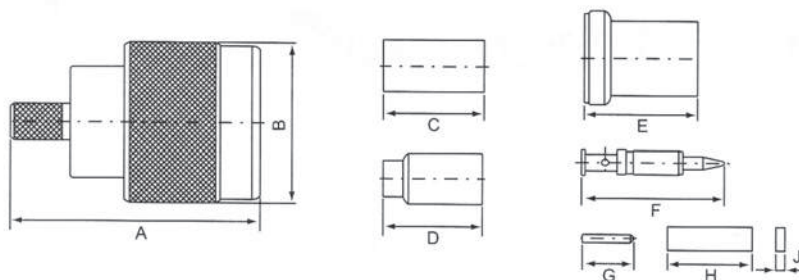
5. BODY FINISH:  
"N" NICKEL
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

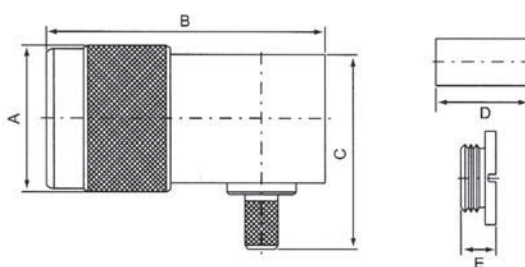


## N PLUG CRIMP TYPE (2)

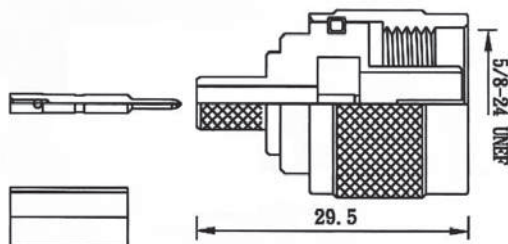
**N430CU-\*NGT50**  
**N430CU-\*NGT75**  
 N PLUG CRIMP TYPE  
 (50 & 75 OHMS)



**N431CU-\*NGT50**  
**N431CU-\*NGT75**  
 N PLUG CRIMP RIGHT  
 ANGLE TYPE  
 (50 & 75 OHMS)



**N432CU-XNGT75**  
 N PLUG CRIMP TYPE  
 (75 OHMS ONLY)



### ORDERING INFORMATION:

P/N  $\frac{N}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{NGT}{6} \frac{xx}{7} \frac{xx}{8}$

2. CONNECTOR CODE :

N430, N431, N432

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"B" RG213/U (50Ω)

"C" RG214/U (50Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

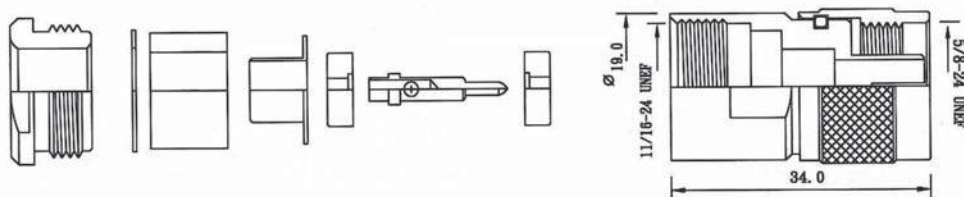
"50" 50 OHMS

"75" 75 OHMS

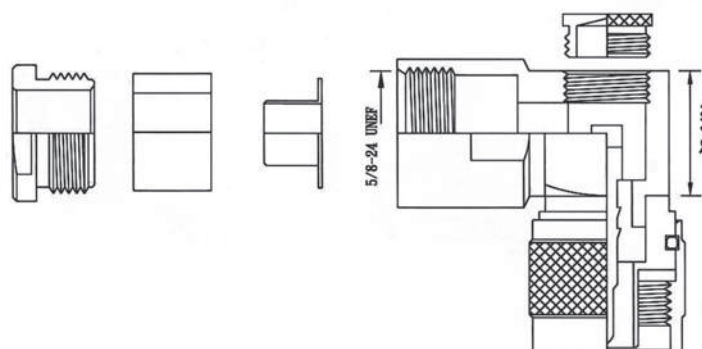
\*SEE PAGE H0002 FOR THE OTHERS!

## N PLUG CLAMP TYPE (1)

**N301CU-\*NGT50**  
N PLUG CLAMP TYPE  
(50 OHMS ONLY)



**N303CU-\*NGT50**  
N PLUG CLAMP RIGHT  
ANGLE TYPE  
(50 OHMS ONLY)



### ORDERING INFORMATION:

P/N  $\frac{N}{2} \frac{x}{3} \frac{x}{4} \frac{x}{5} \frac{C}{6} \frac{U}{7} - \frac{x}{8} \frac{N}{9} \frac{G}{10} \frac{T}{11} \frac{50}{12}$

2. CONNECTOR CODE :  
N301, N303
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"B" RG213/U, B8267  
"C" RG214/U, B8268  
"P" RG223/U  
"F" RG58/U, RG141/U

5. BODY FINISH:  
"N" NICKEL PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

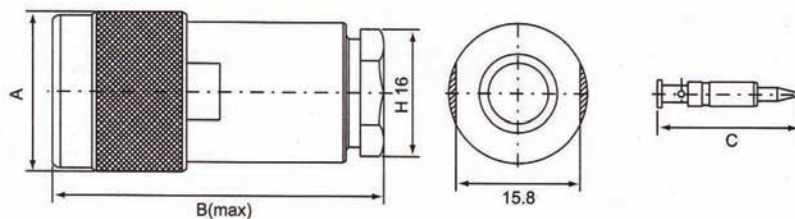
\*SEE PAGE H0002 FOR THE OTHERS!

## N PLUG CLAMP TYPE (2)

**N375CU-\*NGT50**

**N375CU-\*NGT75**

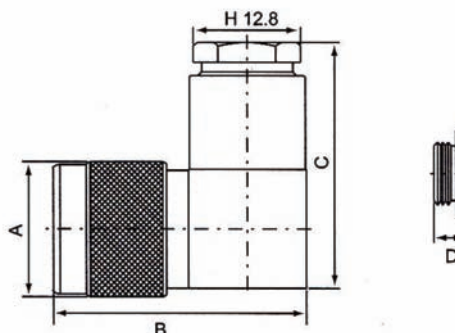
N PLUG CLAMP TYPE  
(50 & 75 OHMS)



**N380CU-\*NGT50**

**N380CU-\*NGT75**

N PLUG CLAMP RIGHT  
ANGLE TYPE  
(50 & 75 OHMS)



### ORDERING INFORMATION:

P/N  $\frac{N}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{NGT}{6} \frac{xx}{7} \frac{xx}{8}$

2. CONNECTOR CODE :

N375, N380

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"B" RG213/U, RG8/U (50Ω)

"C" RG214/U, RG9/U (50Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

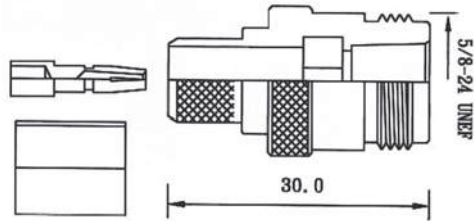
"50" 50 OHMS

"75" 75 OHMS

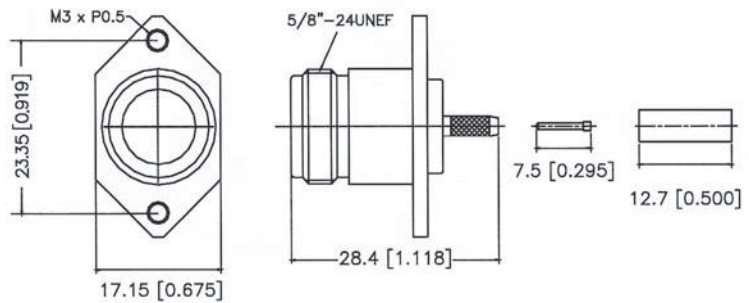
\*SEE PAGE H0002 FOR THE OTHERS!

## N JACK CRIMP TYPE (1)

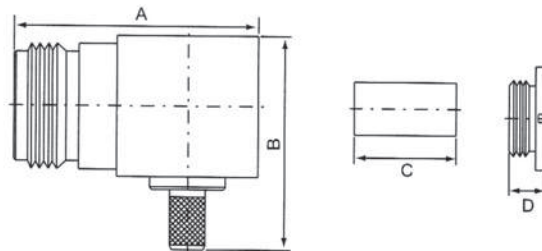
**N307CU-\*NGT50**  
N JACK CRIMP TYPE  
(50 OHMS ONLY)



**N389CU-\*NGT50**  
N JACK CRIMP PANEL  
MOUNT TYPE  
(PIN IN PIN)  
(50 OHMS ONLY)



**N396CU-\*NGT50**  
**N396CU-\*NGT75**  
N JACK CRIMP RIGHT  
ANGLE TYPE  
A/B/C/D=30.3/26.5/12.7/4.7MM  
(50 & 75 OHMS)



### ORDERING INFORMATION:

**P/N**  $\frac{N}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{NGT}{6} \frac{xx}{7} \frac{xx}{8}$

2. CONNECTOR CODE :  
N307, N389, N396
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"B" RG213/U, B8267  
"C" RG214/U, B8268  
"P" RG223/U  
"F" RG58/U, RG141/U

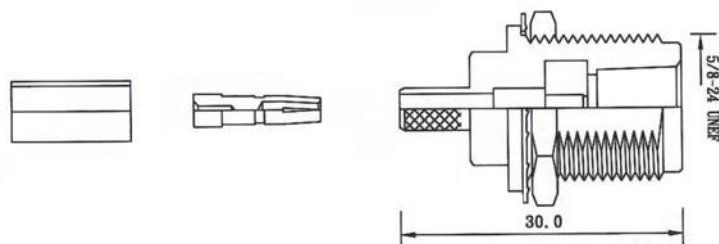
5. BODY FINISH:  
"N" NICKEL PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS  
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## N JACK CRIMP TYPE (2)

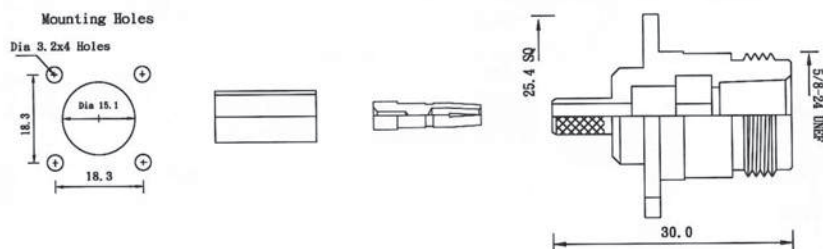
### N325CU-\*NGT50

N JACK CRIMP BULKHEAD TYPE  
(50 OHMS ONLY)



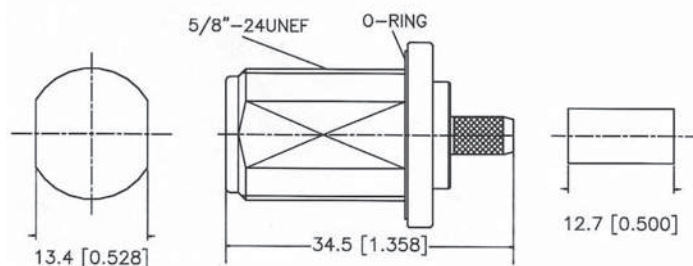
### N322CU-\*NGT50

N JACK CRIMP PANEL  
MOUNT TYPE  
(50 OHMS ONLY)



### N385CU-\*NGT50

N JACK CRIMP BULKHEAD  
(WATERPROOF)  
(50 OHMS ONLY)



## ORDERING INFORMATION:

P/N Nxxx CU - x N G T 5 0

2. CONNECTOR CODE :  
N325, N322, N385
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"B" RG213/U, B8267  
"C" RG214/U, B8268  
"P" RG223/U  
"F" RG58/U, RG141/U

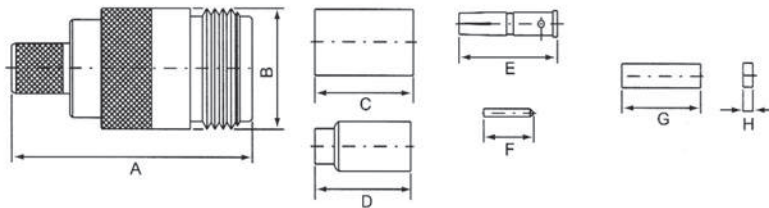
5. BODY FINISH:  
"N" NICKEL PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

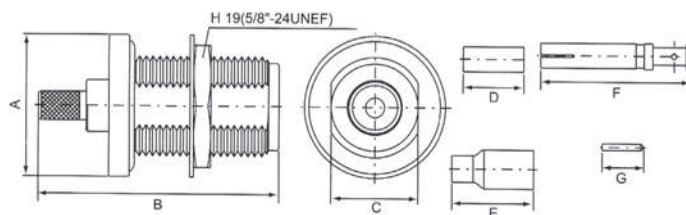


## N JACK CRIMP TYPE (3)

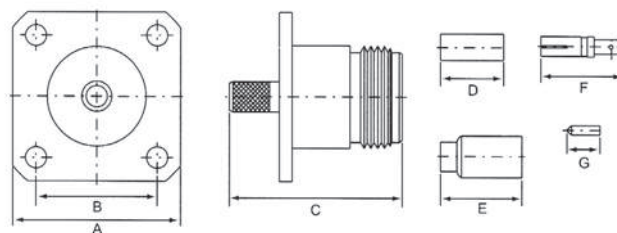
**N433CU-\*NGT50**  
**N433CU-\*NGT75**  
 N JACK CRIMP TYPE  
 (50 & 75 OHMS)



**N434CU-\*NGT50**  
**N434CU-\*NGT75**  
 N JACK CRIMP  
 BULKHEAD TYPE  
 (50 & 75 OHMS)



**N435CU-\*NGT50**  
**N435CU-\*NGT75**  
 N JACK CRIMP PANEL  
 MOUNT TYPE  
 (50 & 75 OHMS)



### ORDERING INFORMATION:

**P/N**  $\frac{N}{2} \frac{xxx}{3} \frac{CU}{3} - \frac{x}{4} \frac{NGT}{567} \frac{xx}{8}$

2. CONNECTOR CODE :

N433, N434, N435

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"L" RG174/U, RG316/U (50Ω)

"P" RG223/U (50Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

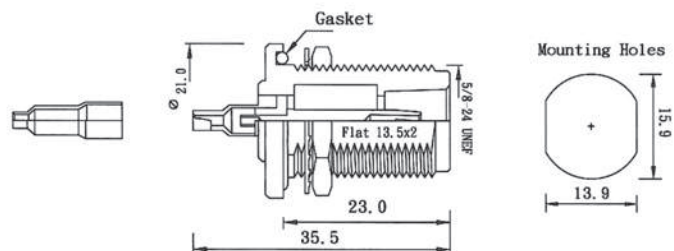
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## N JACK CRIMP TYPE (4)

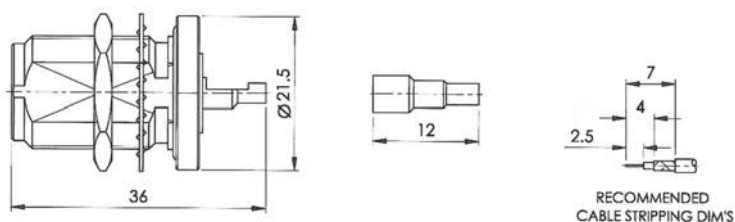
### N436CU-XNGT50

N JACK CRIMP  
BULKHEAD TYPE  
(WINDOW TYPE)  
(50 OHMS ONLY)



### N446CU-13NGT50

N JACK CRIMP TYPE  
FOR 1.13MM, 1.32MM  
& 1.5MM CABLE



## ORDERING INFORMATION:

P/N  $\frac{N}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{NGT}{6} \frac{50}{7} \frac{8}$

2. CONNECTOR CODE :

N436, N446

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"B" RG213/U, B8267

"C" RG214/U, B8268

"P" RG223/U

"F" RG58/U, RG141/U

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

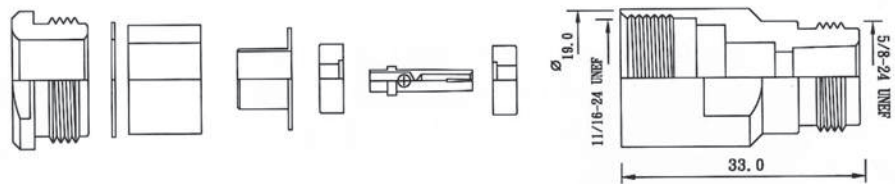
8. IMPEDANCE:

"50" 50 OHMS

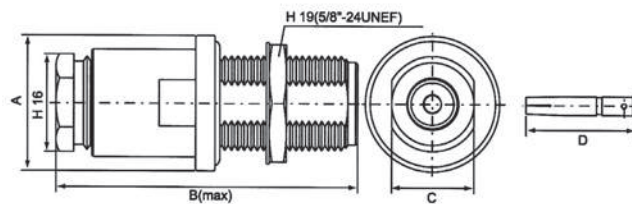
\*SEE PAGE H0002 FOR THE OTHERS!

## N JACK CLAMP TYPE

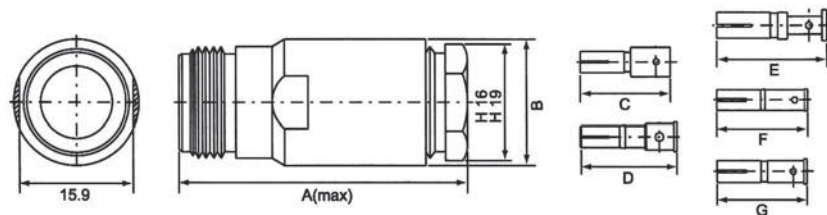
**N302CU-\*NGT50**  
N JACK CLAMP TYPE  
(50 OHMS ONLY)



**N397CU-\*NGT50**  
**N397CU-\*NGT75**  
N JACK CLAMP  
BULKHEAD TYPE  
(50 & 75 OHMS)



**N371CU-\*NGT50**  
**N371CU-\*NGT75**  
N JACK CLAMP TYPE  
(50 & 75 OHMS)



### ORDERING INFORMATION:

P/N  $\frac{N}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{NGT}{6} \frac{xx}{7} \frac{xx}{8}$

2. CONNECTOR CODE :

N302, N397, N371

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"B" RG213/U, RG8/U (50Ω)

"C" RG214/U, RG9/U (50Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

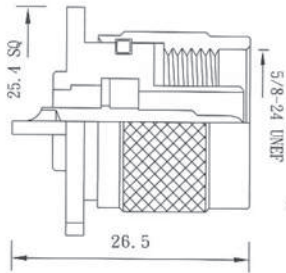
"50" 50 OHMS

"75" 75 OHMS

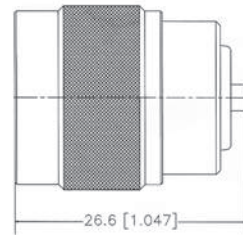
\*SEE PAGE H0002 FOR THE OTHERS!

## N PLUG SOLDER TYPE

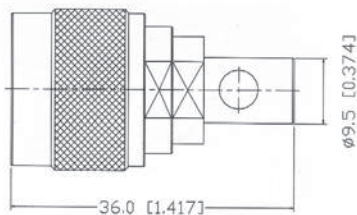
**N326CU-XNGT50** (TEFLON INSULATION)  
**N326CU-XNGD50** (DELTRIN INSULATION)  
 N PLUG SOLDER PANEL MOUNT TYPE



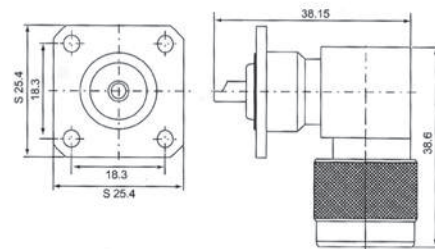
**N383CU-\*NGT50**  
 N PLUG SOLDER TYPE FOR SEMI-RIGID CABLE  
 SEMI-RIGID .141" CABLE:  
 N383CU-R1NGT50  
 SEMI-RIGID .085" CABLE  
 N383CU-R2NGT50



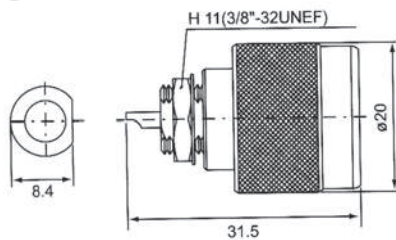
**N381CU-XNGT50**  
 N PLUG SOLDER TYPE



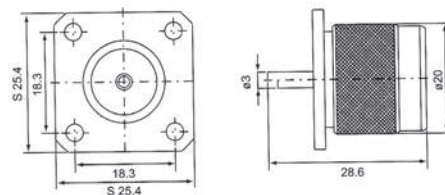
**N395CU-XNGT50**  
 N PLUG SOLDER RIGHT ANGLE PANEL MOUNT TYPE



**N439CU-XNGT50**  
**N439CU-XNGT75**  
 N PLUG SOLDER BULKHEAD TYPE 50 & 75 OHMS



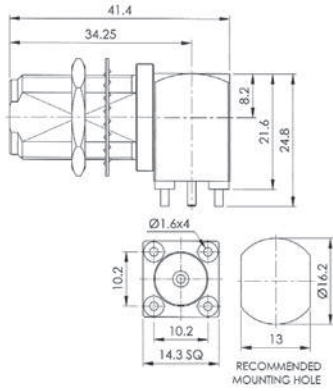
**N394CU-XNGT50**  
 N PLUG SOLDER PANEL MOUNT TYPE



## N JACK PCB MOUNT TYPE & PANEL MOUNT TYPE

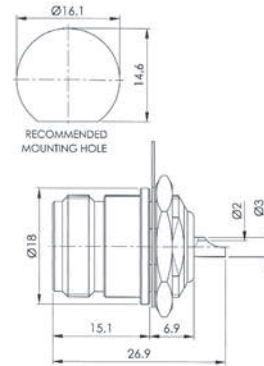
### N447CU-XNGT50

N JACK R/A BULKHEAD PCB MOUNT TYPE



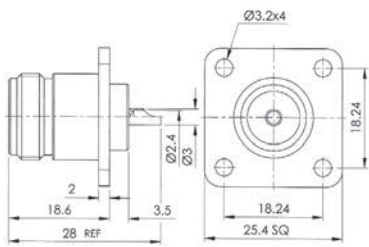
### N448CU-XNGT50

N JACK SOLDER BULKHEAD TYPE



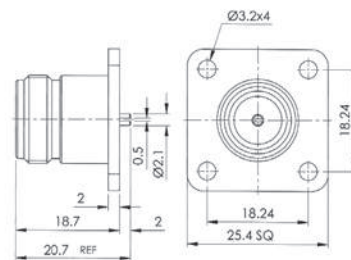
### N449CU-XNGT50

N JACK SOLDER PANEL MOUNT TYPE



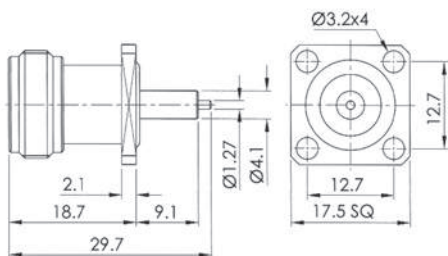
### N450CU-XNGT50

N JACK WITH SLOT PANEL MOUNT TYPE



### N451CU-XNGT50

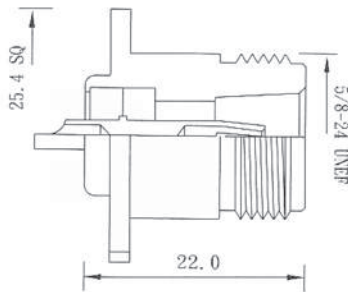
N JACK PANEL MOUNT WITH EXPOSED TEFLON



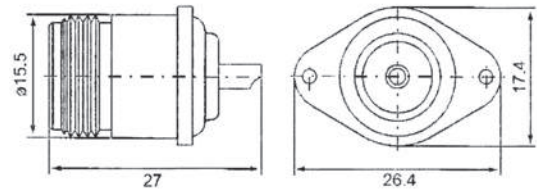


## N JACK SOLDER TYPE

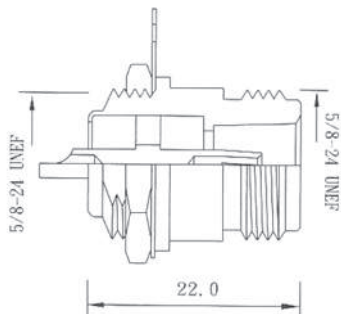
**N306CU-XNGT50** (TEFLON INSULATION)  
**N306CU-XNGD50** (DELRIN INSULATION)  
 N JACK SOLDER PANEL MOUNT TYPE



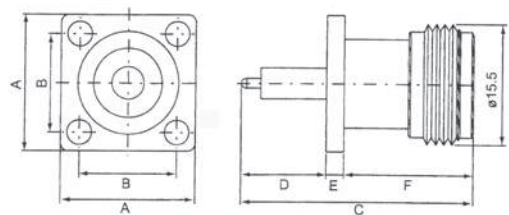
**N407CU-XNGT50**  
**N407CU-XNGT75**  
 N JACK SOLDER PANEL MOUNT TYPE 50 & 75 OHMS



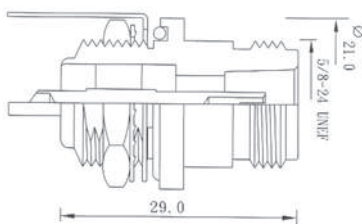
**N327CU-XNGT50**  
 N JACK SOLDER BULKHEAD TYPE



**N411CU-XNGT\*\***  
**N412CU-XNGT\*\***  
**N413CU-XNGT\*\***  
**N414CU-XNGT\*\***  
**N415CU-XNGT\*\***  
**N416CU-XNGT\*\***  
**N417CU-XNGT\*\***  
**N418CU-XNGT\*\***  
**N419CU-XNGT\*\***  
**N420CU-XNGT\*\***  
 N JACK PANEL SOLDER  
 PRESSURIZED WITH O-RING SEAL  
 \*\*= 50 & 75 OHMS



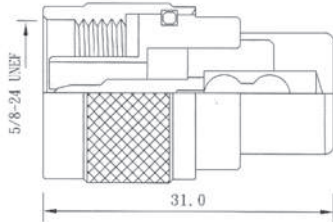
**N370CU-XNGT50**  
 N JACK SOLDER BULKHEAD WITH O-RING



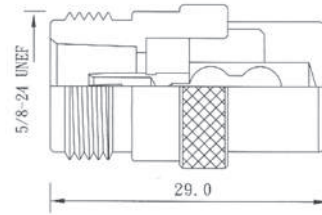
PART NO.	A	B	C	D	E	F
N411CU	17.5	12.7	29.8	11	2.2	16.6
N412CU	17.5	12.7	38.8	20	2.2	16.6
N413CU	25.4	18.2	36.8	18	2.2	16.6
N414CU	25.4	18.2	36.7	17.9	2	16.8
N415CU	17.5	12.7	30.8	12	2.2	16.6
N416CU	17.5	12.7	29.5	10.7	2.2	16.6
N417CU	17.5	12.7	40	21.2	2.2	16.6
N418CU	17.5	12.7	24.9	6.1	2.2	16.6
N419CU	17.5	12.7	33.8	15	2.2	16.6
N420CU	17.5	12.7	29.8	11	2.2	16.6

## N TERMINATOR & PROTECTIVE CAP

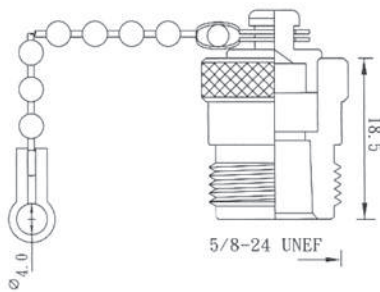
**N317CU-XNGD50** (50 OHMS)  
**N318CU-XNGD75** (75 OHMS)  
**N319CU-XNGD93** (93 OHMS)  
 N MALE TERMINATOR WITH DELRIN INSULATION



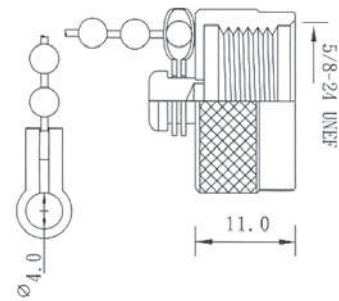
**N351CU-XNGD50** (50 OHMS)  
**N352CU-XNGD75** (75 OHMS)  
**N353CU-XNGD93** (93 OHMS)  
 N FEMALE TERMINATOR WITH DELRIN INSULATION



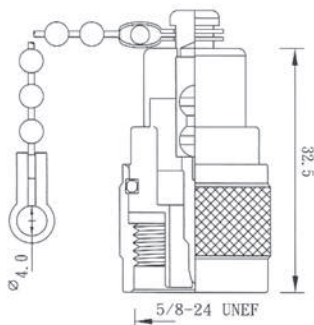
**N337CU-XNXX**  
 PROTECTIVE CAP FOR N MALE CONNECTOR



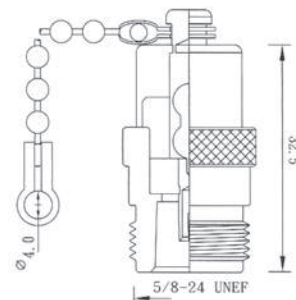
**N336CU-XNXX**  
 PROTECTIVE CAP FOR N FEMALE CONNECTOR



**N437CU-XNGD50**  
 N MALE TERMINATOR 50 OHMS WITH CHAIN

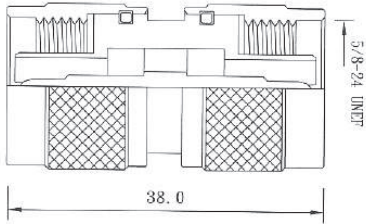


**N438CU-XNGD50**  
 N FEMALE TERMINATOR 50 OHMS WITH CHAIN

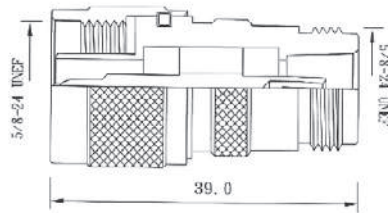


## N IN-SERIES ADAPTOR

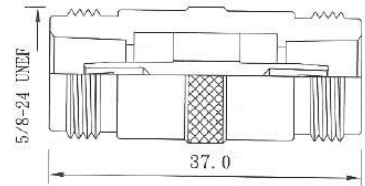
**N308CU-XNGD50**  
(UG-57B/U)  
N DOUBLE MALE



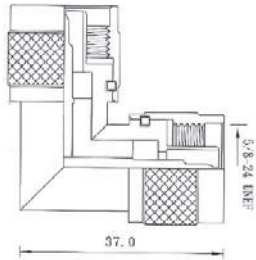
**N310CU-XNGD50**  
N MALE TO N FEMALE



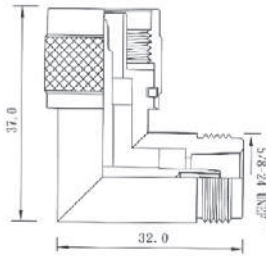
**N309CU-XNGD50**  
(UG-29B/U)  
N DOUBLE FEMALE



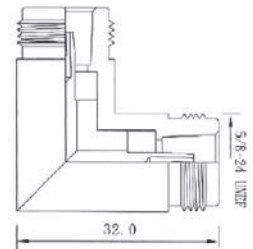
**N346CU-XNGD50**  
N DOUBLE MALE  
RIGHT ANGLE TYPE



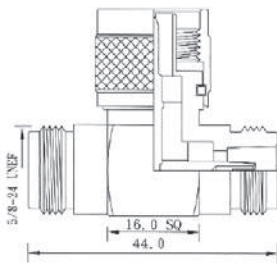
**N311CU-XNGD50**  
N MALE TO N FEMALE  
RIGHT ANGLE TYPE



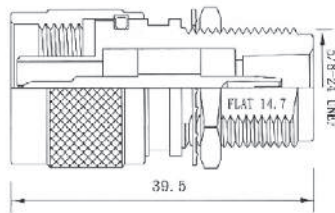
**N347CU-XNGD50**  
(UG-27B/U)  
N DOUBLE FEMALE  
RIGHT ANGLE TYPE



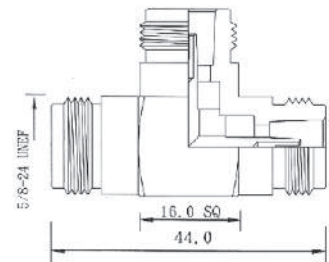
**N313CU-XNGD50**  
(UG-107B/U)  
N MALE TO  
N DOUBLE FEMALE



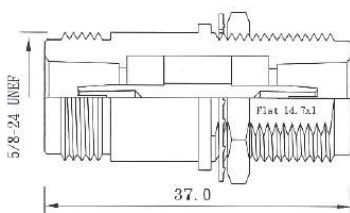
**N427CU-XNGD50**  
N MALE TO N FEMALE  
BULKHEAD TYPE



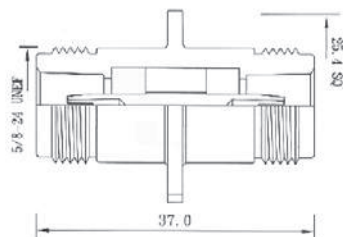
**N312CU-XNGD50**  
(UG-28A/U)  
N TRIPLE FEMALE



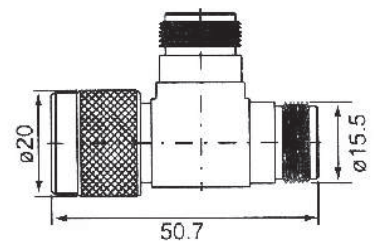
**N349CU-XNGD50**  
N DOUBLE FEMALE  
BULKHEAD TYPE



**N330CU-XNGD50**  
N DOUBLE FEMALE  
PANEL MOUNT TYPE

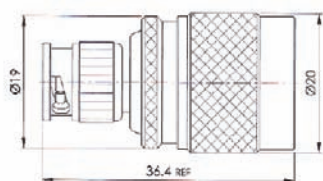


**N421CU-XNGD50**  
N MALE TO  
N DOUBLE FEMALE

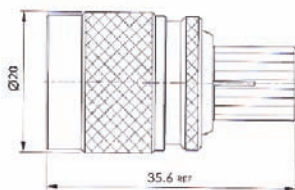


## N TO MINI BNC/1.6-5.6/1.0-2.3 ADAPTOR

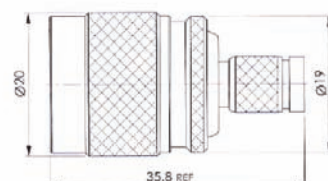
**MB007CU-XNGT75**  
MINI BNC MALE TO  
N MALE



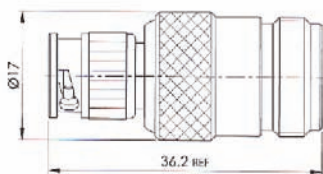
**EE258CU-XNGT75**  
1.6/5.6 MALE TO  
N MALE



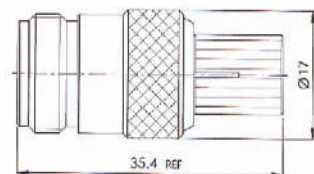
**EB062CU-XNGT75**  
1.0/2.3 MALE TO  
N MALE



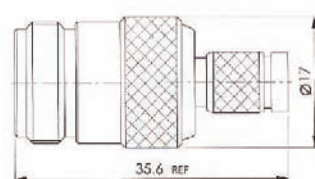
**MB008CU-XNGT75**  
MINI BNC MALE TO  
N FEMALE



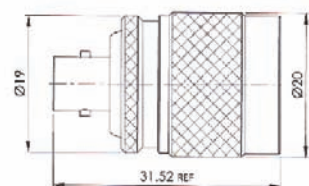
**EE259CU-XNGT75**  
1.6/5.6 MALE TO  
N FEMALE



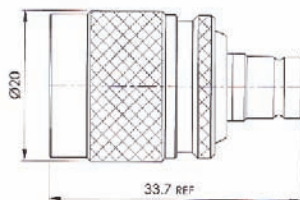
**EB063CU-XNGT75**  
1.0/2.3 MALE TO  
N FEMALE



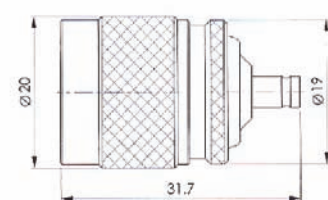
**MB009CU-XNGT75**  
MINI BNC FEMALE TO  
N MALE



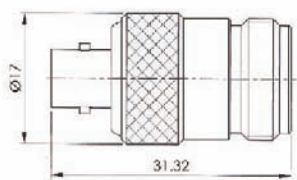
**EE260CU-XNGT75**  
1.6/5.6 FEMALE TO  
N MALE



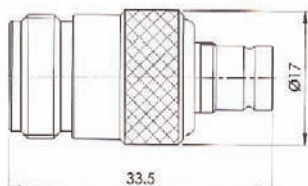
**EB064CU-XNGT75**  
1.0/2.3 FEMALE TO  
N MALE



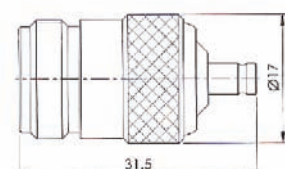
**MB010CU-XNGT75**  
MINI BNC FEMALE TO  
N FEMALE



**EE261CU-XNGT75**  
1.6/5.6 FEMALE TO  
N FEMALE



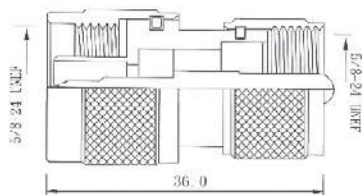
**EB065CU-XNGT75**  
1.0/2.3 FEMALE TO  
N FEMALE



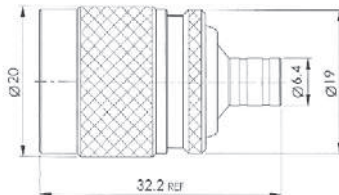


## N TO UHF/SMB/HDC 43 ADATORS

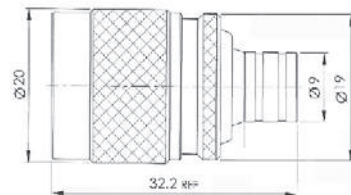
**N333CU-XNGD50**  
N MALE TO UHF MALE



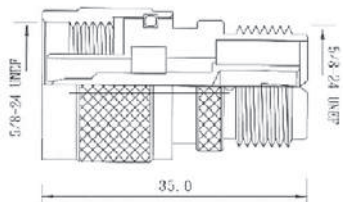
**SB411CU-XNGT75**  
SMB MALE TO N MALE



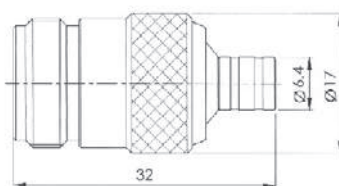
**N441CU-XNGT75**  
N MALE TO HDC 43 MALE



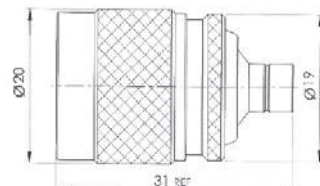
**N314CU-XNGD50**  
(UG-146/U)  
N MALE TO UHF FEMALE



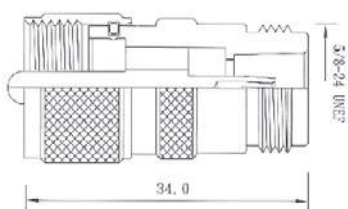
**SB412CU-XNGT75**  
SMB MALE TO N FEMALE



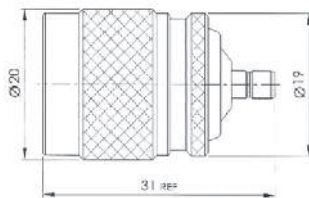
**N442CU-XNGT75**  
N MALE TO HDC 43 FEMALE



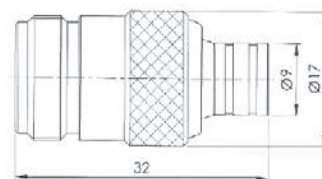
**N341CU-XNGD50**  
(UG-83B/U)  
N FEMALE TO UHF MALE



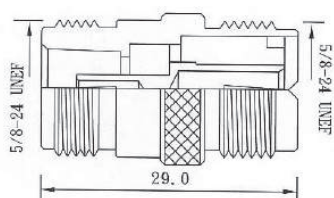
**SB413CU-XNGT75**  
SMB FEMALE TO N MALE



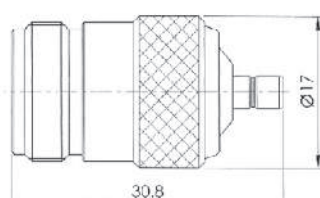
**N443CU-XNGT75**  
N FEMALE TO HDC 43 MALE



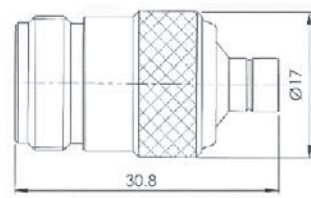
**N334CU-XNGD50**  
N FEMALE TO UHF FEMALE



**SB414CU-XNGT75**  
SMB FEMALE TO N FEMALE



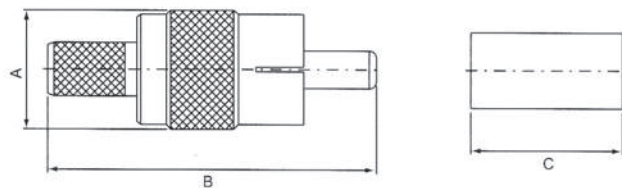
**N444CU-XNGT75**  
N FEMALE TO HDC 43 FEMALE



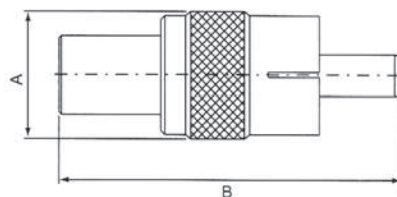


## RCA (CINCH) PLUG CRIMP TYPE

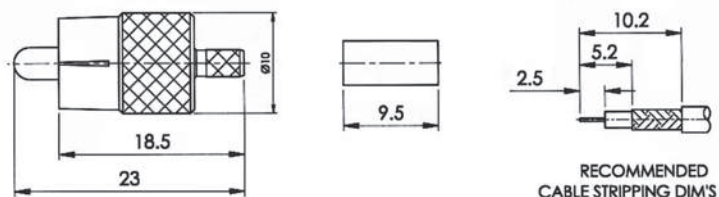
### R443CU-\*NND75 RCA PLUG CRIMP TYPE



### R445CU-\*NND75 RCA PLUG WITH ATTACHED RING A/B= 10.0/20.5 MM



### R460CU-V7NND75 RCA PLUG CRIMP TYPE FOR RG179/U DOUBLE BRAIDED CABLE



## ORDERING INFORMATION:

P/N Rxxx CU - x NND 75

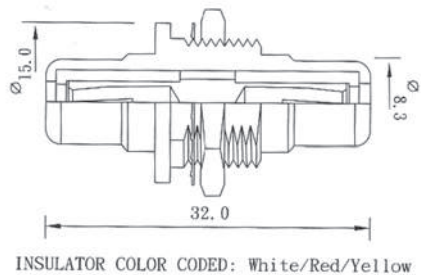
2. CONNECTOR CODE :  
R443, R445, R460
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"F" RG58/U, RG141/U  
"G" RG59/U, RG62/U  
"L" RG174/U, RG316/U  
"A" RG6/U CABLE

5. BODY FINISH:  
"N" NICKEL PLATED
6. CENTER PIN FINISH:  
"N" NICKEL PLATED
7. INSULATION:  
"D" DELRIN
8. IMPEDANCE:  
"75" 75 OHMS

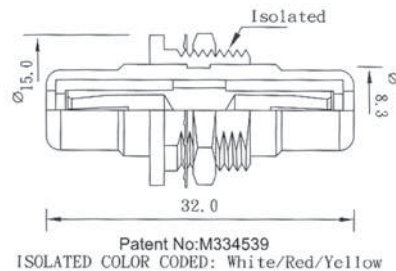
\*SEE PAGE H0002 FOR THE OTHERS!

## RCA (CINCH) JACKS & PLUGS

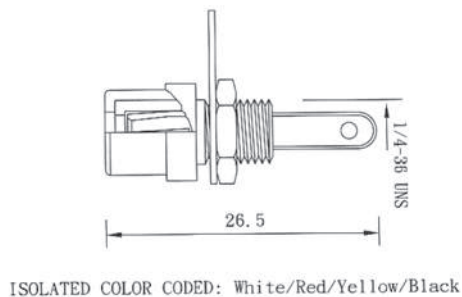
**R432CU-XNND75W** (WHITE)  
**R432CU-XNND75R** (RED)  
**R432CU-XNND75Y** (YELLOW)  
 RCA DOUBLE FEMALE BULKHEAD TYPE



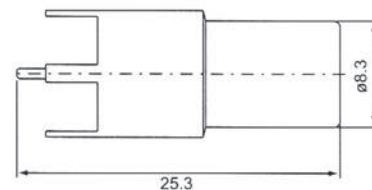
**R462CU-XNND75W** (WHITE)  
**R462CU-XNND75R** (RED)  
**R462CU-XNND75Y** (YELLOW)  
 RCA DOUBLE FEMALE ISOLATED BULKHEAD TYPE



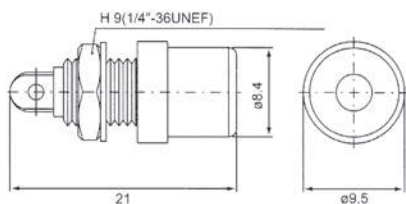
**R444CU-XNND75W** (WHITE)  
**R444CU-XNND75R** (RED)  
**R444CU-XNND75Y** (YELLOW)  
**R444CU-XNND75B** (BLACK)  
 RCA JACK SOLDER BULKHEAD TYPE



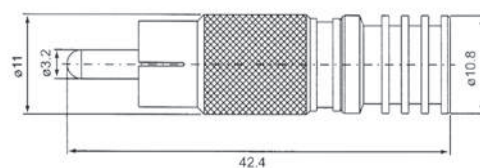
**R451CU-XNND75**  
 RCA JACK STRAIGHT PCB MOUNT TYPE



**R453CU-XNND75**  
 RCA JACK SOLDER BULKHEAD TYPE

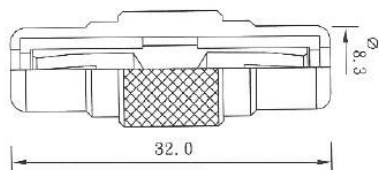


**R452CU-XNND75**  
 RCA PLUG WITH ATTACHED GRIP RING

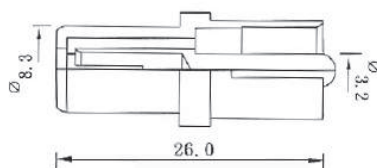


## RCA (CINCH) ADAPTORS

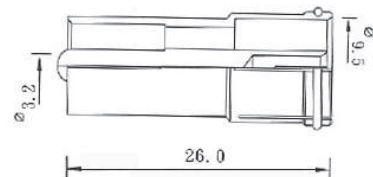
**R434CU-XNND75**  
RCA DOUBLE FEMALE



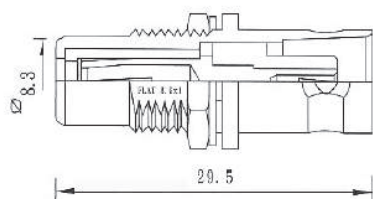
**R464CU-XNND75**  
RCA MALE TO  
RCA FEMALE



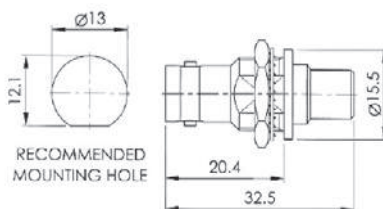
**R455CU-XNND75**  
RCA MALE TO  
PAL FEMALE  
(WITHOUT KNURL)



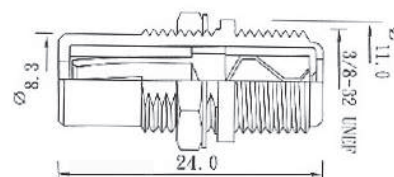
**R466CU-XNND75**  
RCA BULKHEAD FEMALE  
TO BNC FEMALE



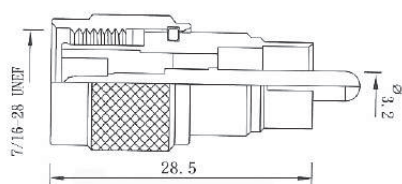
**R463CU-XNND50**  
BNC BULKHEAD FEMALE  
TO RCA FEMALE



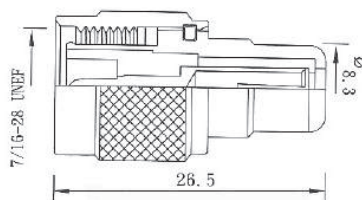
**R465CU-XNND75**  
F BULKHEAD FEMALE  
TO RCA FEMALE



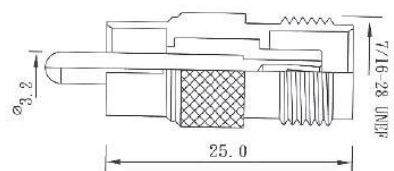
**T229CU-XNGD75**  
TNC MALE TO RCA MALE



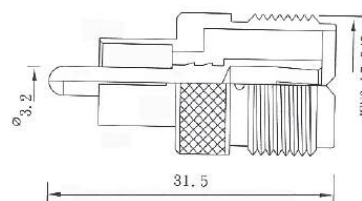
**T231CU-XNGD75**  
TNC MALE TO RCA FEMALE



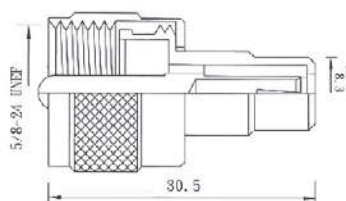
**T370CU-XNGD75**  
TNC FEMALE TO RCA MALE



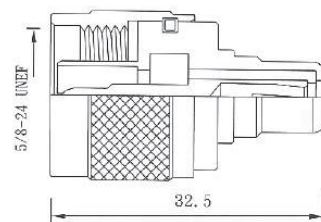
**U528CU-XNGD50**  
UHF FEMALE TO  
RCA MALE



**U514CU-XNGD50**  
UHF MALE TO  
RCA FEMALE



**N323CU-XNGD75**  
N MALE TO RCA FEMALE



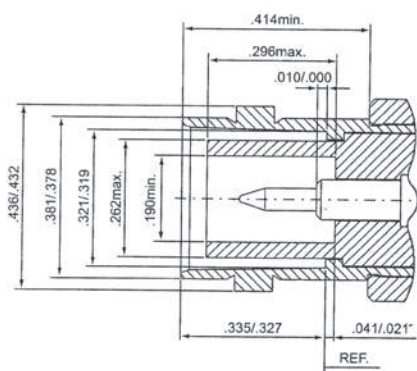
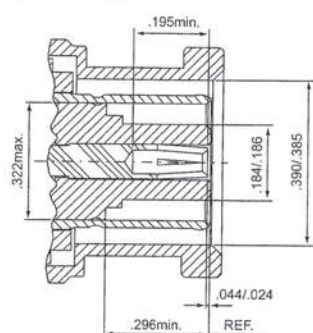
## REVERSE POLARITY CONNECTORS & ADAPTORS (1)

### REVERSE POLARITY COAXIAL (N, SMA, SMB, BNC, TNC)

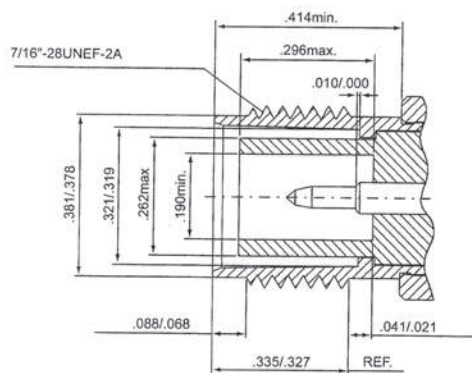
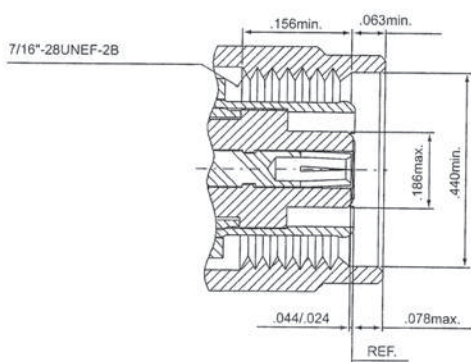
Reverse Polarity non-standard interface connectors are design prevents damage and will not mate with standard interface devices if accidentally connected, they're designed for spread spectrum wireless applications which part 15.203 of U.S FCC regulations are applicable, Standard cable affixed size are available with special or custom design accepted. N, SMA, SMB, BNC, and TNC are readily available.

#### Interface Dimensions:

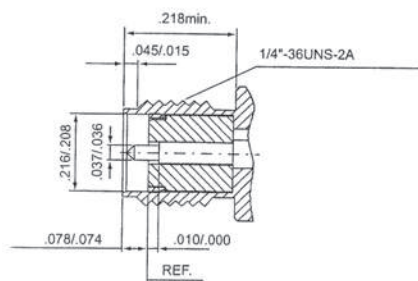
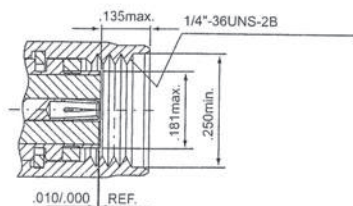
##### Reverse polarity BNC:



##### Reverse polarity TNC:



##### Reverse polarity SMA:



Ps.unit=inch



## REVERSE POLARITY CONNECTORS & ADAPTORS (2)

### REVERSE POLARITY SMA

#### Electrical:

Impedance	50 ohm
Frequency Range	0 to 1.8 GHz (for RG-402 semi-rigid cable) RG-405 · for flexible cable → max operation frequency of cable per MIL-C-17(12.4 max GHz)
VSWR	RG-178U → 1.2+0.025 f max GHz(Straight) 1.2+0.03 f max GHz(Right angle)
	RG-316U → 1.15+0.02 f max GHz(Straight) 1.15+0.03 f max GHz(Right angle)
	RG-142U → 1.15+0.01 f max GHz(Straight) 1.15+0.02 f max GHz(Right angle)
	RG-402U → 1.05+0.01 f max GHz(Straight) 1.1+0.01 f max GHz(Right angle)
	RG-405U → 1.07+0.01 f max GHz(Straight) 1.1+0.01 f max GHz(Right angle)
Insertion Loss	0.06dB maximum $\times \sqrt{f}$ GHz @ 6GHz

### REVERSE POLARITY BNC, TNC

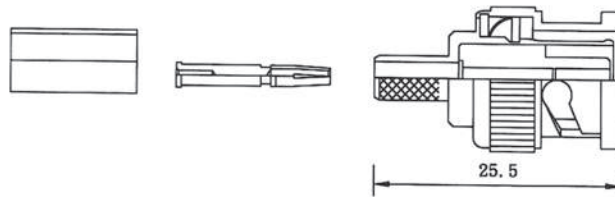
#### Electrical:

Impedance	BNC: 50 ohm	TNC: 75ohm
Frequency Range	BNC: 0-4.0 GHz	TNC: 0-11GHz
VSWR	1.3max(Straight) ; 1.35max(Right angle)	
Insertion Loss	0.2dB max @ 3GHz	

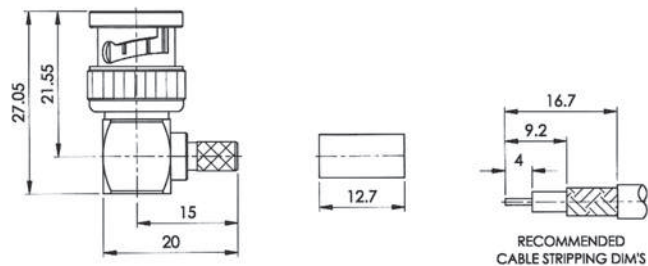


## REVERSE POLARITY BNC PLUG CRIMP TYPE

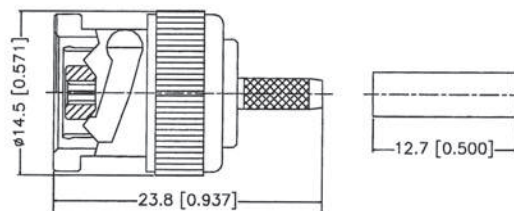
### RB714CU-\*NGT50 REVERSE POLARITY BNC PLUG CRIMP TYPE



### RB720CU-\*NGT50 REVERSE POLARITY BNC PLUG RIGHT ANGLE CRIMP TYPE



### RB702CU-\*NGT50 REVERSE POLARITY BNC PLUG CRIMP TYPE (PIN IN PIN)



## ORDERING INFORMATION:

P/N RB<sub>2</sub>xxx CU<sub>3</sub> - x<sub>4</sub> NGT<sub>5</sub> 50<sub>6</sub> 7 8

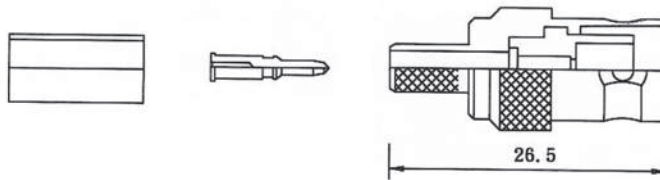
2. CONNECTOR CODE :  
RB714, RB720, RB702
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"F" RG58/U, RG141/U  
"L" RG174/U, RG316/U  
"P" RG223/U  
"V6" RG316/U DOUBLE BRAID

5. BODY FINISH:  
"N" NICKEL PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

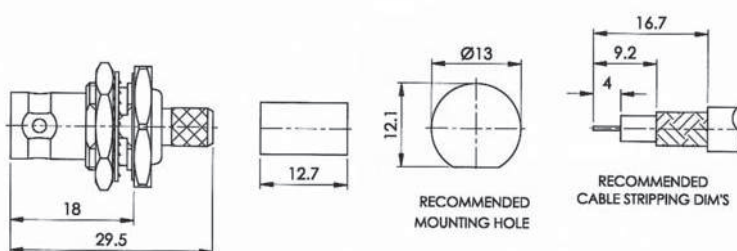
\*SEE PAGE H0002 FOR THE OTHERS!

## REVERSE POLARITY BNC JACK CRIMP TYPE

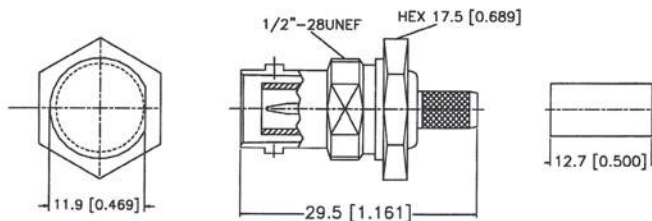
### RB715CU-\*NGT50 REVERSE POLARITY BNC JACK CRIMP TYPE



### RB707CU-\*NGT50 REVERSE POLARITY BNC JACK CRIMP BULKHEAD TYPE



### RB704CU-\*NGT50 REVERSE POLARITY BNC JACK CRIMP BULKHEAD TYPE (WATERPROOF)



## ORDERING INFORMATION:

P/N RB<sub>2</sub>xxx CU<sub>3</sub> - x<sub>4</sub> NGT<sub>5</sub> 50<sub>6</sub> 7 8

2. CONNECTOR CODE :

RB715, RB707, RB704

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"L" RG174/U, RG316/U

"P" RG223/U

"V6" RG316/U DOUBLE BRAID

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

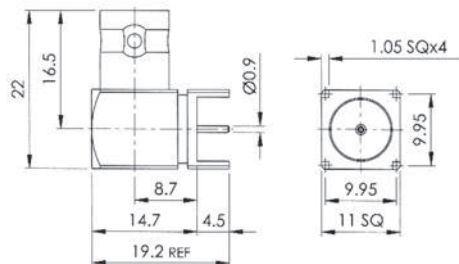
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## REVERSE POLARITY BNC JACK & ADAPTOR

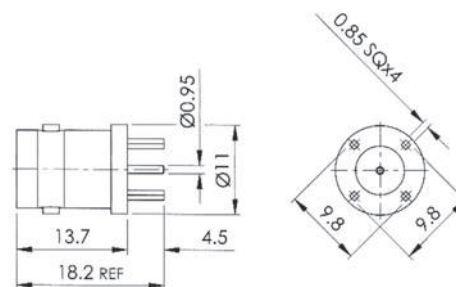
### RB721CU-XNGT50

REVERSE POLARITY BNC JACK RIGHT ANGLE PCB MOUNT TYPE



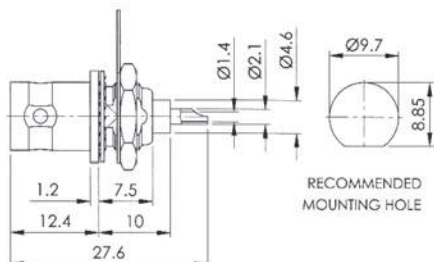
### RB722CU-XNGT50

REVERSE POLARITY BNC JACK STRAIGHT PCB MOUNT TYPE



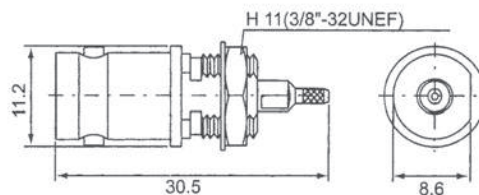
### RB723CU-XNGT50

REVERSE POLARITY BNC JACK BULKHEAD SOLDER TYPE



### RB709CU-LNGT50

REVERSE POLARITY BNC JACK CRIMP BULKHEAD TYPE FOR RG174/U, RG316/U, RG188/U CABLE



### RB717CU-XNGT50

R/P BNC MALE TO SMA FEMALE ADAPTOR

### RB716CU-XNGT50

R/P BNC MALE TO SMA MALE ADAPTOR

### RB719CU-XNGT50

R/P BNC FEMALE TO SMA FEMALE ADAPTOR

### RB718CU-XNGT50

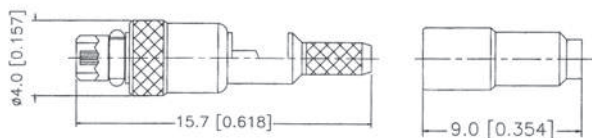
R/P BNC FEMALE TO SMA MALE ADAPTOR

\*SEE SMA TO REVERSE BNC ADAPTORS!

## REVERSE POLARITY MMCX CONNECTORS & ADAPTORS

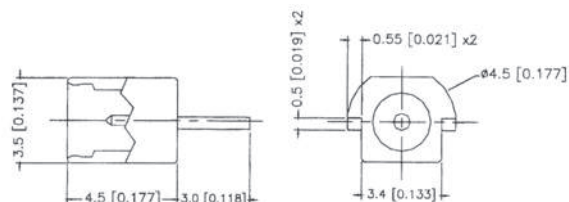
### RM001CU-LGGT50

REVERSE POLARITY MMCX PLUG CRIMP/SOLDER  
TYPE FOR RG174/U, RG316/U CABLE



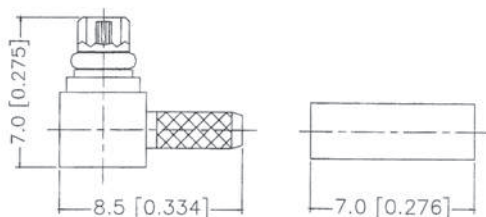
### RM002CU-XGGT50

REVERSE POLARITY MMCX JACK EDGE CARD MOUNT  
TYPE



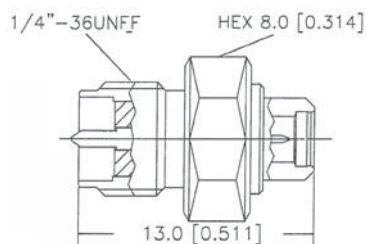
### RM003CU-LGGT50

REVERSE POLARITY MMCX PLUG RIGHT ANGLE  
CRIMP TYPE FOR RG174/U, RG316/U CABLE



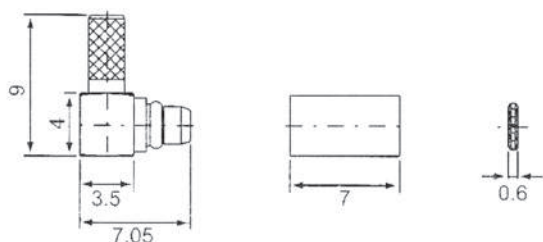
### RM004CU-XGGT50

R/P MMCX FEMALE TO  
R/P SMA FEMALE



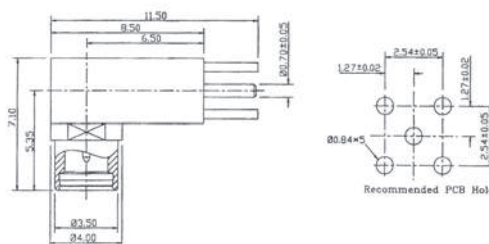
### RM006CU-MGGT50

REVERSE POLARITY MMCX PLUG RIGHT ANGLE  
CRIMP TYPE FOR RG178/U, RG196/U CABLE



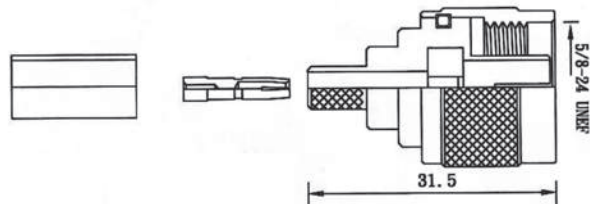
### RM010CU-XGGT50

REVERSE POLARITY MMCX EDGE  
MOUNT JACK RIGHT ANGLE TYPE

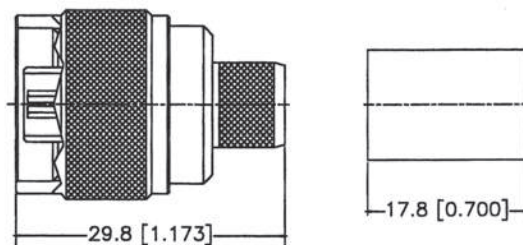


## REVERSE POLARITY N PLUG CRIMP TYPE

### RN205CU-\*NGT50 REVERSE POLARITY N PLUG CRIMP TYPE



### RN202CU-\*NGT50 REVERSE POLARITY N PLUG CRIMP TYPE



## ORDERING INFORMATION:

P/N RNxxx CU - x N G T 50

2 3 4 5 6 7 8

2. CONNECTOR CODE :

RN205, RN202

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"B" RG213/U CABLE

"U3" H155 CABLE

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

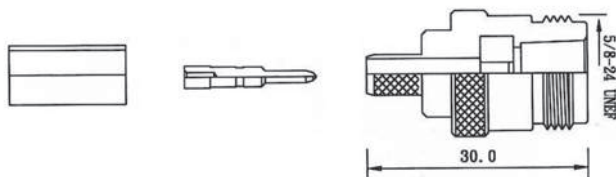
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

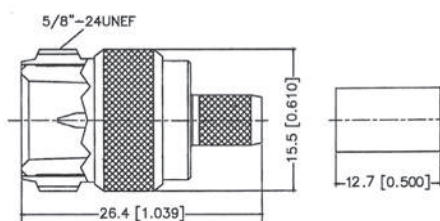


## REVERSE POLARITY N JACK CRIMP TYPE

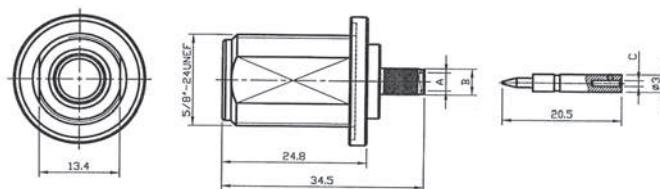
### RN206CU-\*NGT50 REVERSE POLARITY N JACK CRIMP TYPE



### RN201CU-\*NGT50 REVERSE POLARITY N JACK CRIMP TYPE



### RN207CU-\*NGT50 REVERSE POLARITY N JACK CRIMP BULKHEAD TYPE



## ORDERING INFORMATION:

P/N R N x x x C U - x N G T 5 0

2                      3                      4 5 6 7 8

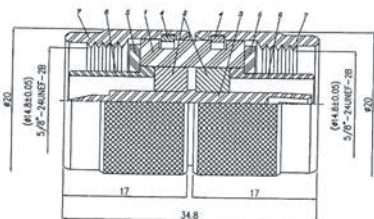
2. CONNECTOR CODE :  
RN206, RN201, RN207
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"F" RG58/U, RG141/U  
"B" RG213/U CABLE  
"U3" H155 CABLE

5. BODY FINISH:  
"N" NICKEL PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

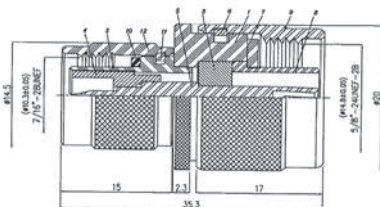
\*SEE PAGE H0002 FOR THE OTHERS!

# REVERSE POLARITY N ADAPTORS

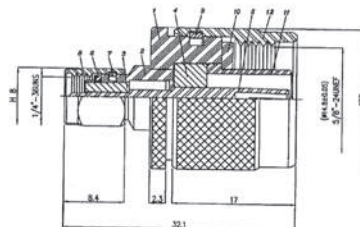
**RN215CU-XNGT50**  
R/P N MALE TO  
STANDARD N MALE



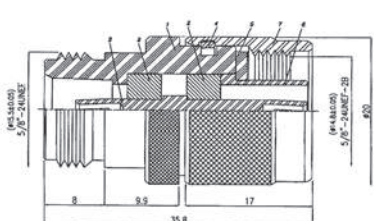
**RN217CU-XNGT50**  
R/P N MALE TO  
TNC MALE



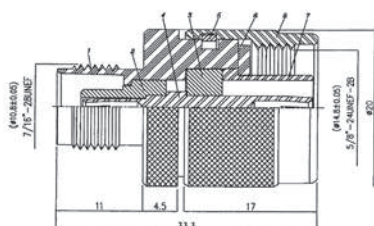
**RN220CU-XNGT50**  
R/P N MALE TO  
SMA MALE



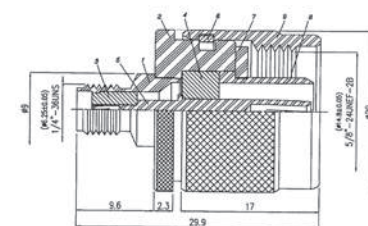
**RN213CU-XNGT50**  
R/P N MALE TO  
STANDARD N FEMALE



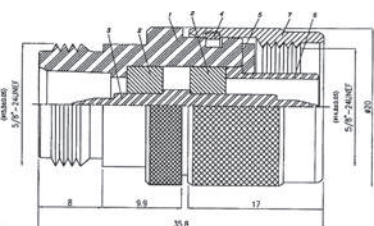
**RN218CU-XNGT50**  
R/P N MALE TO  
TNC FEMALE



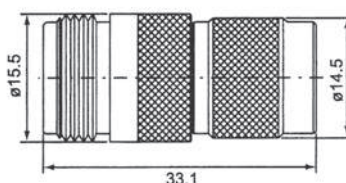
**RN221CU-XNGT50**  
R/P N MALE TO  
SMA FEMALE



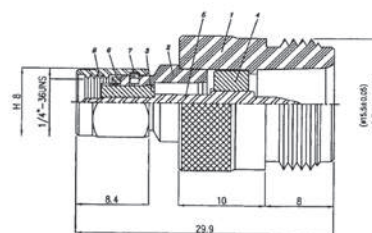
**RN214CU-XNGT50**  
R/P N FEMALE TO  
STANDARD N MALE



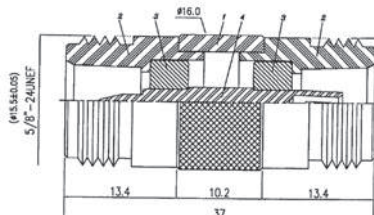
**RN203CU-XNGT50**  
R/P N FEMALE TO  
TNC MALE



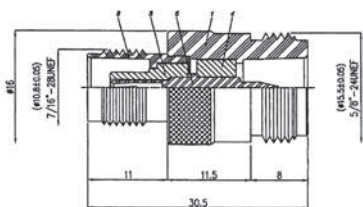
**RN222CU-XNGT50**  
R/P N FEMALE TO  
SMA MALE



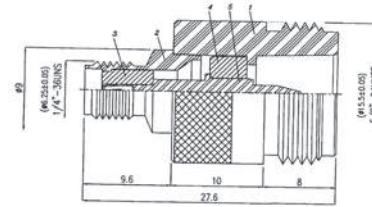
**RN216CU-XNGT50**  
R/P N FEMALE TO  
STANDARD N FEMALE



**RN219CU-XNGT50**  
R/P N FEMALE TO  
TNC FEMALE

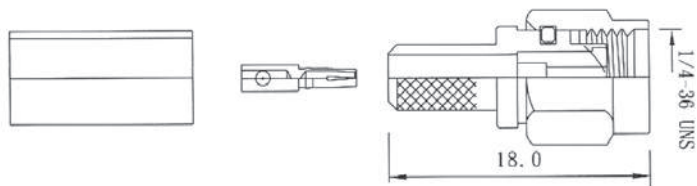


**RN204CU-XNGT50**  
R/P N FEMALE TO  
SMA FEMALE

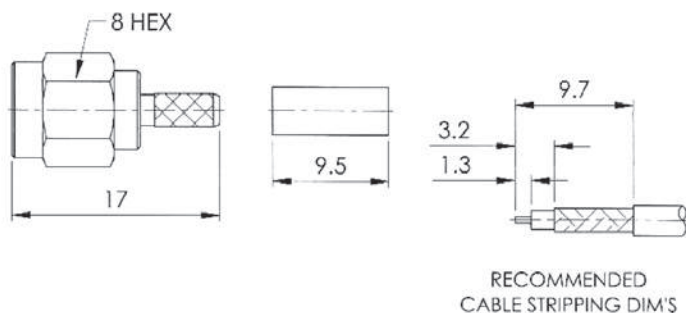


## REVERSE POLARITY SMA PLUG CRIMP TYPE

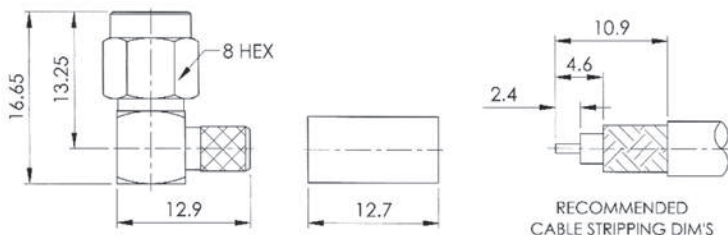
### RS983CU-\*GGT50 REVERSE POLARITY SMA PLUG CRIMP TYPE



### RS901CU-\*GGT50 REVERSE POLARITY SMA PLUG CRIMP TYPE



### RS918CU-\*GGT50 REVERSE POLARITY SMA PLUG CRIMP RIGHT ANGLE TYPE



## ORDERING INFORMATION:

P/N RS<sub>2</sub>xxx<sub>3</sub> CU<sub>4</sub> - x<sub>5</sub> G<sub>6</sub> G<sub>7</sub> T<sub>8</sub> 50

2. CONNECTOR CODE :

RS983, RS901, RS918

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"L" RG174/U, RG316/U

"P" RG223U

"V6" RG316/U DOUBLE BRAID

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

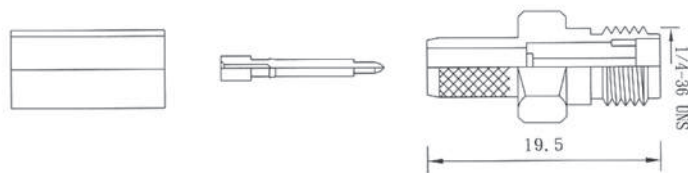
8. IMPEDANCE:

"50" 50 OHMS

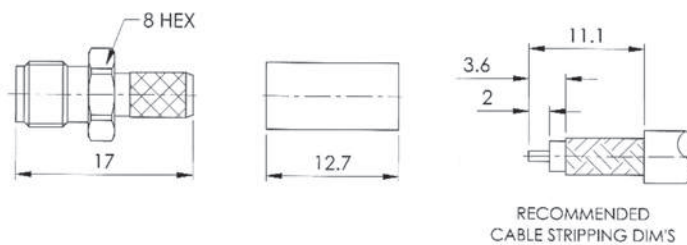
\*SEE PAGE H0002 FOR THE OTHERS!

## REVERSE POLARITY SMA JACK CRIMP TYPE (1)

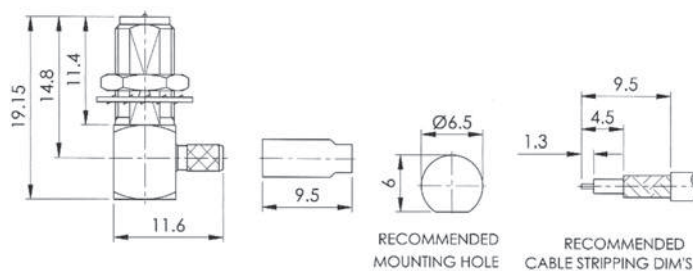
### RS984CU-\*GGT50 REVERSE POLARITY SMA JACK CRIMP TYPE



### RS914CU-\*GGT50 REVERSE POLARITY SMA JACK CRIMP TYPE



### RS923CU-\*GGT50 REVERSE POLARITY SMA JACK CRIMP RIGHT ANGLE TYPE



## ORDERING INFORMATION:

P/N RS<sub>2</sub>xxx<sub>3</sub> CU<sub>4</sub> - x<sub>5</sub> G<sub>6</sub> G<sub>7</sub> T<sub>8</sub> 50

2. CONNECTOR CODE :

RS984, RS914, RS923

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"L" RG174/U, RG316/U

"P" RG223U

"V6" RG316/U DOUBLE BRAID

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

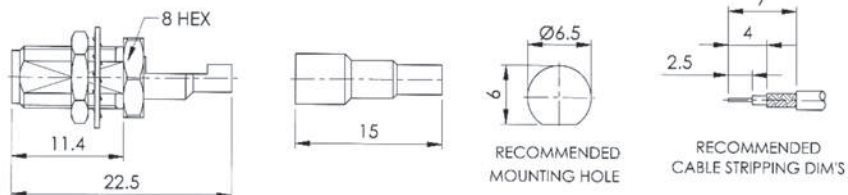
8. IMPEDANCE:

"50" 50 OHMS

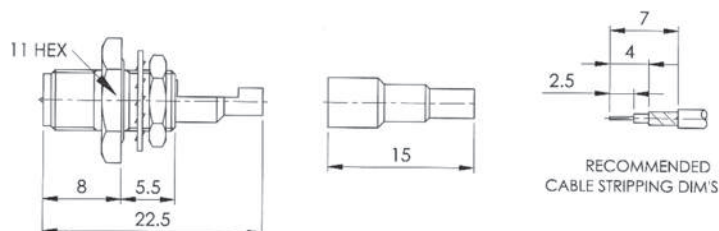
\*SEE PAGE H0002 FOR THE OTHERS!

## REVERSE POLARITY SMA JACK CRIMP TYPE (2)

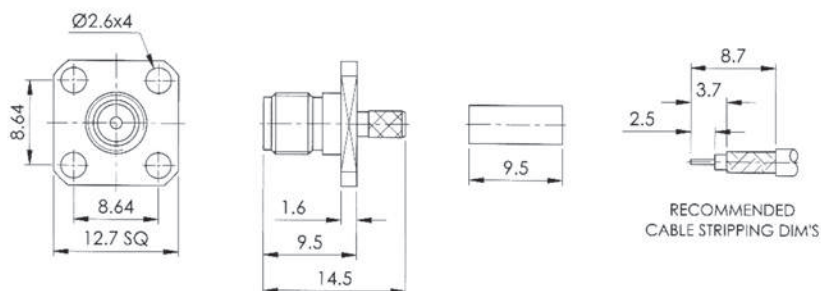
**RS997CU-\*GGT50**  
 REVERSE POLARITY  
 SMA BULKHEAD CRIMP  
 JACK FRONT MOUNT  
 FOR CABLE GROUP : M & 13



**RS998CU-\*GGT50**  
 REVERSE POLARITY  
 SMA BULKHEAD CRIMP  
 JACK REAR MOUNT FOR  
 CABLE GROUP : M & 13



**RS999CU-\*GGT50**  
 REVERSE POLARITY  
 SMA JACK CRIMP  
 BULKHEAD TYPE CABLE  
 GROUP: L & V6



### ORDERING INFORMATION:

**P/N** RS<sub>2</sub> xxx<sub>3</sub> CU<sub>4</sub> - x<sub>5</sub> G<sub>6</sub> G<sub>7</sub> T<sub>8</sub> 50

2. CONNECTOR CODE :

RS997, RS998, RS999

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"L" RG174/U, RG316/U

"M" RG178B/U, RG196/U

"V6" RG316/U DOUBLE BRAID

"13" 1.13MM, 1.32MM, 1.5MM

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

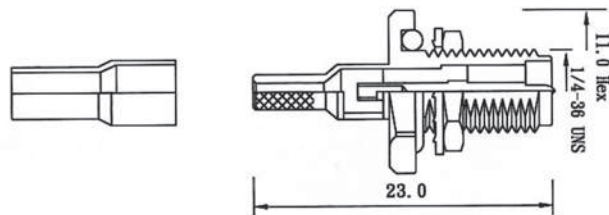
\*SEE PAGE H0002 FOR THE OTHERS!



## REVERSE POLARITY SMA JACK CRIMP TYPE (3)

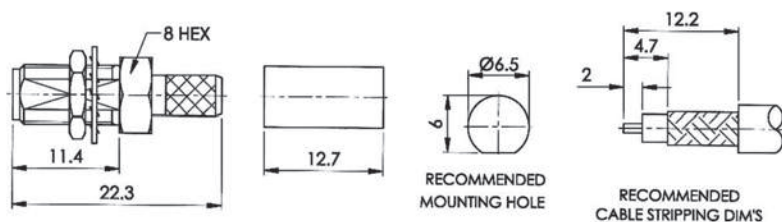
### RS986CU-\*GGT50

REVERSE POLARITY  
SMA JACK CRIMP  
BULKHEAD TYPE  
(WINDOW TYPE)



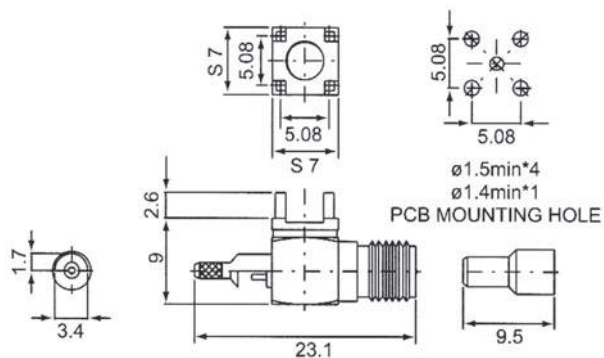
### RS925CU-\*GGT50

REVERSE POLARITY  
SMA JACK CRIMP  
BULKHEAD TYPE



### RS924CU-LGGT50

REVERSE POLARITY  
SMA JACK CRIMP  
PCB MOUNT TYPE  
FOR RG174/U, RG316/U  
CABLE



## ORDERING INFORMATION:

P/N RSxxx CU - x G G T 50  
          2          3          4 5 6 7 8

2. CONNECTOR CODE :  
RS986, RS925, RS924
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"F" RG58/U, RG141/U  
"G" RG59B/U, RG62/U  
"L" RG174/U, RG316/U  
"U3" H155 CABLE

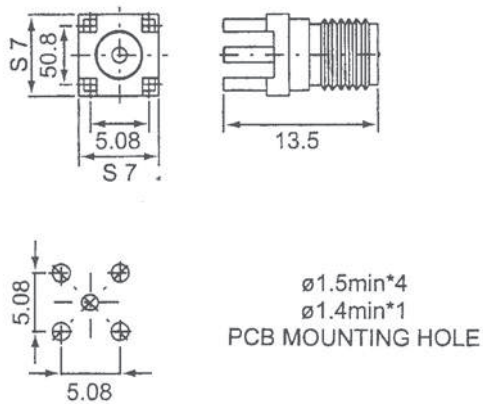
5. BODY FINISH:  
"G" GOLD PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## REVERSE POLARITY SMA JACK/PLUG SOLDER TYPE & PCB MOUNT TYPE

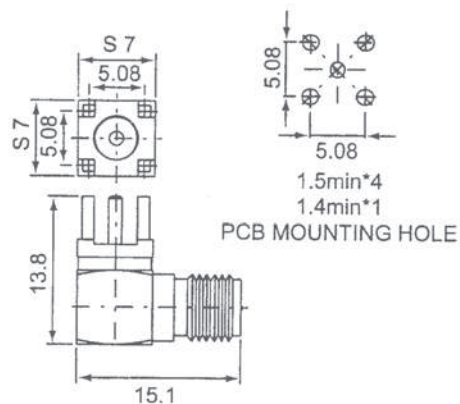
### RS920CU-XGGT50

REVERSE POLARITY SMA JACK SOLDER PCB MOUNT TYPE



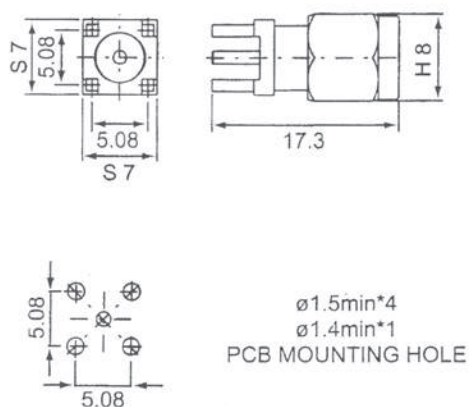
### RS921CU-XGGT50

REVERSE POLARITY SMA JACK R/A SOLDER PCB MOUNT TYPE



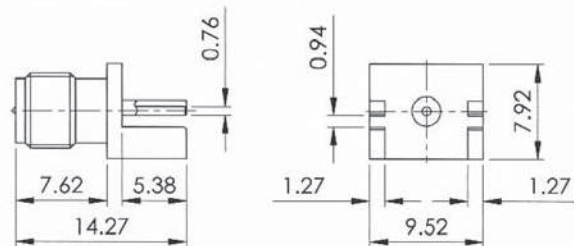
### RS917CU-XGGT50

REVERSE POLARITY SMA PLUG SOLDER PCB MOUNT TYPE



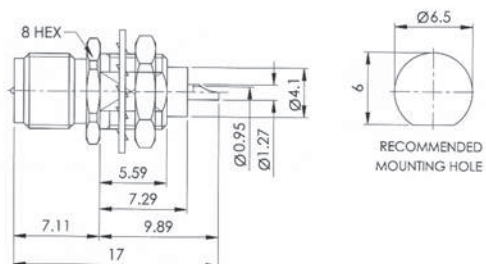
### RS904CU-XGGT50

REVERSE POLARITY SMA JACK END LAUNCH TYPE



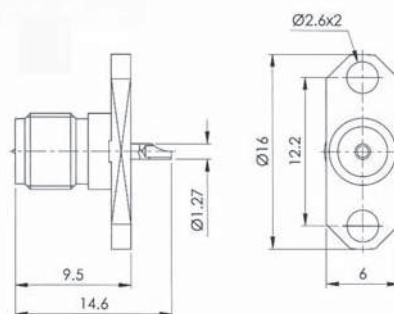
### RS891CU-XGGT50

REVERSE POLARITY SMA JACK SOLDER BULKHEAD TYPE



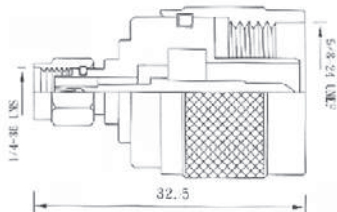
### RS892CU-XGGT50

REVERSE POLARITY SMA JACK WITH SOLDER CUP PANEL MOUNT TYPE

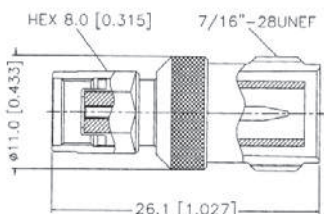


## REVERSE POLARITY SMA ADAPTORS

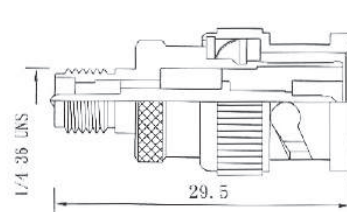
**RS929CU-XNGT50**  
R/P SMA MALE TO  
STANDARD N MALE



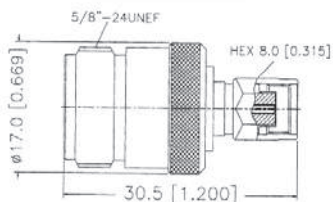
**RS945CU-XGGT50**  
R/P SMA MALE TO  
R/P TNC FEMALE



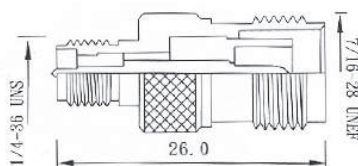
**RS985CU-XGGT50**  
R/P SMA FEMALE TO  
STANDARD BNC MALE



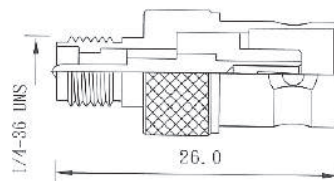
**RS930CU-XNGT50**  
R/P SMA MALE TO  
STANDARD N FEMALE



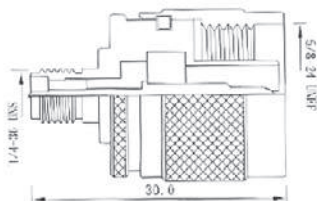
**RS981CU-XGGT50**  
R/P SMA FEMALE TO  
R/P TNC FEMALE



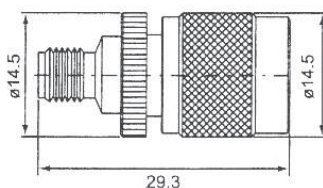
**RS941CU-XGGT50**  
R/P SMA FEMALE TO  
STANDARD BNC FEMALE



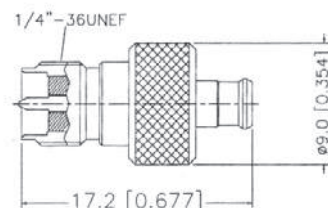
**RS931CU-XNGT50**  
R/P SMA FEMALE TO  
STANDARD N MALE



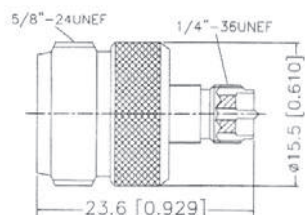
**RS911CU-XGGT50**  
R/P SMA FEMALE TO  
R/P TNC MALE



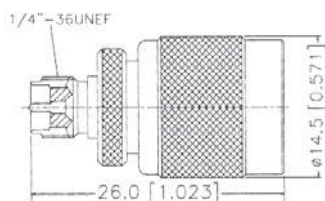
**RS942CU-XGGT50**  
R/P SMA FEMALE TO  
STANDARD MCX MALE



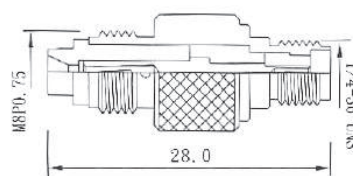
**RS944CU-XGGT50**  
R/P SMA FEMALE TO  
STANDARD N FEMALE



**RS943CU-XNGT50**  
R/P SMA FEMALE TO  
STANDARD TNC MALE

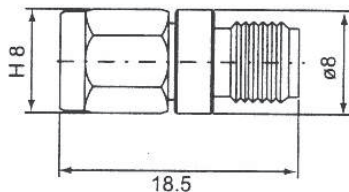


**RS982CU-XGGT50**  
R/P SMA FEMALE TO  
STANDARD FME FEMALE

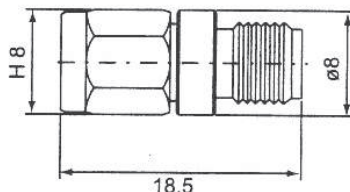


## REVERSE POLARITY SMA ADAPTORS & TERMINATOR

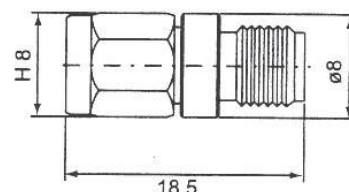
**RS907CU-XGGT50**  
R/P SMA MALE TO  
R/P SMA FEMALE



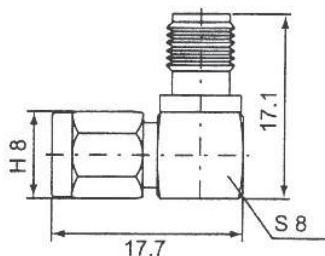
**RS908CU-XGGT50**  
R/P SMA MALE TO  
STANDARD SMA FEMALE



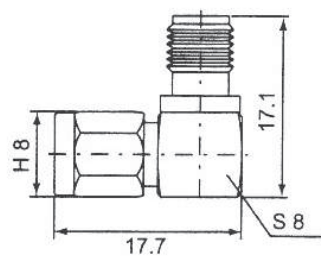
**RS909CU-XGGT50**  
STANDARD SMA MALE  
TO R/P SMA FEMALE



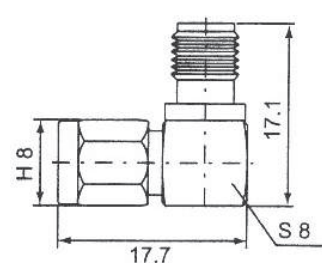
**RS926CU-XGGT50**  
R/P SMA MALE TO  
R/P SMA FEMALE  
RIGHT ANGLE ADAPTOR



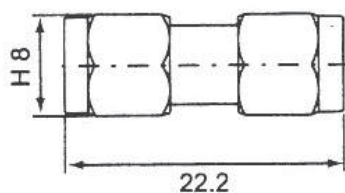
**RS927CU-XGGT50**  
R/P SMA MALE TO  
STANDARD SMA FEMALE  
RIGHT ANGLE ADAPTOR



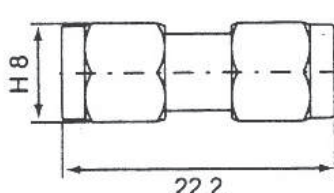
**RS928CU-XGGT50**  
STANDARD SMA MALE  
TO R/P SMA FEMALE  
RIGHT ANGLE ADAPTOR



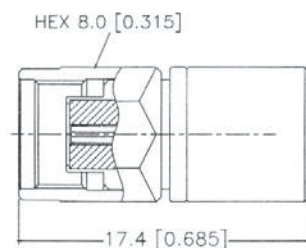
**RS913CU-XGGT50**  
R/P SMA MALE TO  
R/P SMA MALE



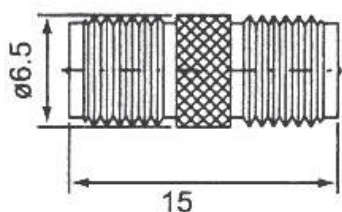
**RS940CU-XGGT50**  
R/P SMA MALE TO  
STANDARD SMA MALE



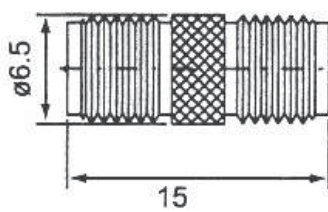
**RS922CU-XGGT50**  
REVERSE POLARITY  
SMA MALE TERMINATOR



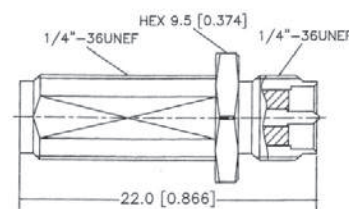
**RS910CU-XGGT50**  
R/P SMA FEMALE TO  
R/P SMA FEMALE



**RS938CU-XGGT50**  
R/P SMA FEMALE TO  
STANDARD SMA FEMALE

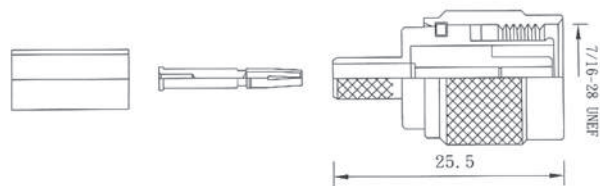


**RS935CU-X\*GT50**  
R/P SMA FEMALE TO  
STANDARD SMA FEMALE  
BULKHEAD ADAPTOR

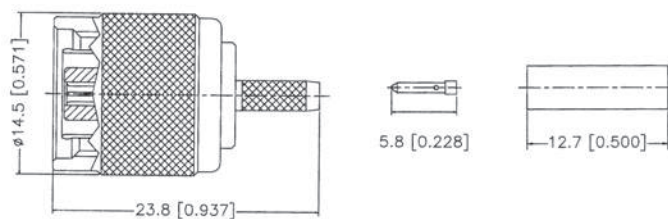


## REVERSE POLARITY TNC PLUG CRIMP TYPE (1)

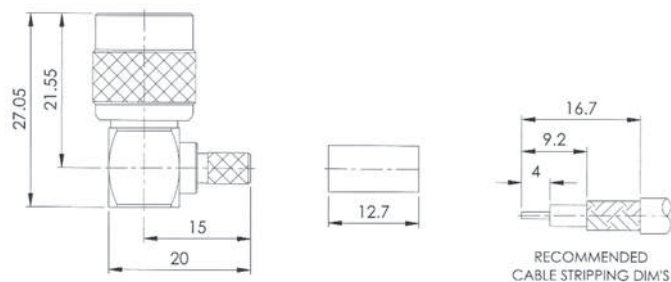
### RT842CU-\*NGT50 REVERSE POLARITY TNC PLUG CRIMP TYPE



### RT816CU-\*NGT50 REVERSE POLARITY TNC PLUG CRIMP TYPE (PIN IN PIN)



### RT807CU-\*NGT50 REVERSE POLARITY TNC PLUG CRIMP RIGHT ANGLE TYPE



## ORDERING INFORMATION:

P/N RT<sub>2</sub>xxx CU<sub>3</sub> - x<sub>4</sub> NGT<sub>5</sub> 50<sub>6 7 8</sub>

2. CONNECTOR CODE :  
RT842, RT816, RT807
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"F" RG58/U, RG141/U  
"L" RG174/U, RG316/U  
"P" RG223/U  
"V6" RG316/U DOUBLE BRAID

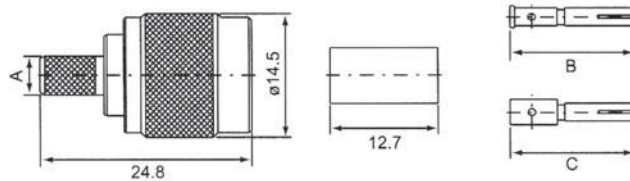
5. BODY FINISH:  
"N" NICKEL PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

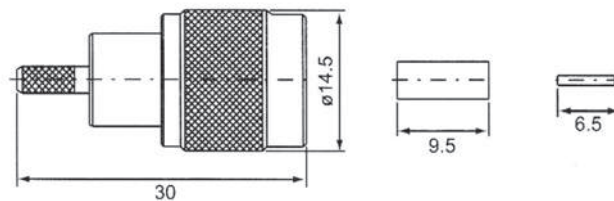


## REVERSE POLARITY TNC PLUG CRIMP TYPE (2)

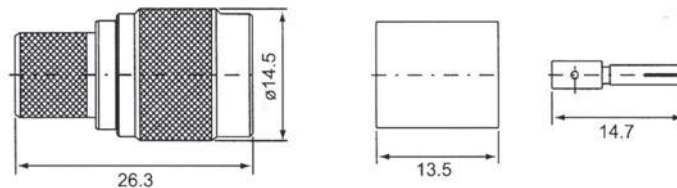
**RT801CU-\*NGT\*\***  
 REVERSE POLARITY  
 TNC PLUG CRIMP TYPE  
 FOR RG6/U, RG58/U,  
 RG59/U & H155 CABLE  
 (CODE: A, F, G & U3)



**RT801CU-LNGT\*\***  
 REVERSE POLARITY  
 TNC PLUG CRIMP TYPE  
 FOR RG174/U, RG316/U,  
 RG188/U CABLE



**RT801CU-\*NGT\*\***  
 REVERSE POLARITY  
 TNC PLUG CRIMP TYPE  
 FOR RG213/U & RG214/U  
 CABLE (CODE: B & C)



### ORDERING INFORMATION:

P/N RT801 CU - x NGT xx  
           2      3      4 5 6 7 8

2. CONNECTOR CODE :

RT801

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"A" RG6/U CABLE

"U3" H155 CABLE

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

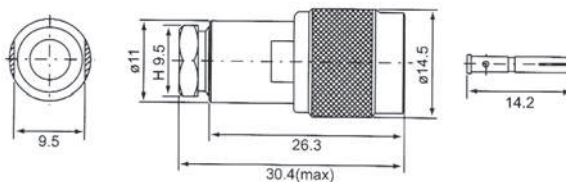
"50" 50 OHMS

"75" 75 OHMS

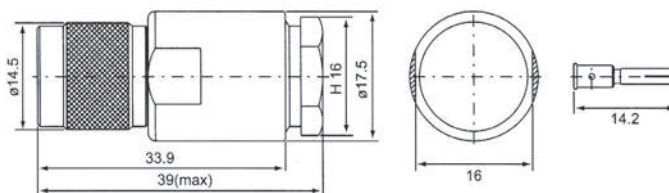
\*SEE PAGE H0002 FOR THE OTHERS!

## REVERSE POLARITY TNC PLUG/JACK CLAMP TYPE

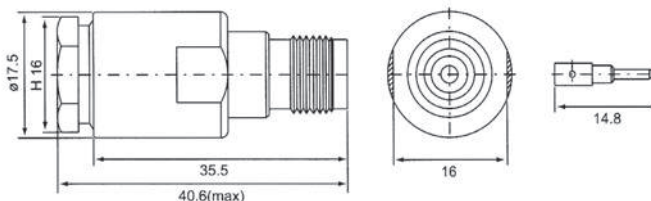
**RT806CU-\*NGT50**  
**RT806CU-\*NGT75**  
 REVERSE POLARITY  
 TNC PLUG CLAMP TYPE  
 FOR RG6, 58, 59/U CABLE  
 (CODE: A, F, G)



**RT806CU-BNGT50**  
 REVERSE POLARITY  
 TNC PLUG CLAMP TYPE  
 FOR RG213/U CABLE



**RT808CU-BNGT50**  
 REVERSE POLARITY  
 TNC JACK CLAMP TYPE  
 FOR RG213/U CABLE



### ORDERING INFORMATION:

P/N RT<sub>2</sub>xxx CU<sub>3</sub> - x<sub>4</sub> NGT<sub>5 6 7 8</sub>xx

2. CONNECTOR CODE :

RT806, RT808

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"A" RG6/U, RG5/U (75Ω)

"B" RG213/U, RG8/U (50Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

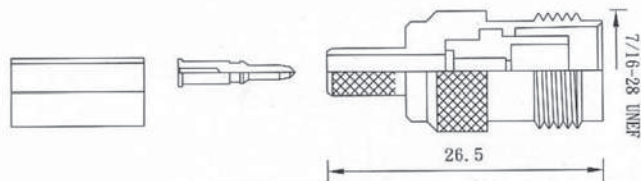
"50" 50 OHMS

"75" 75 OHMS

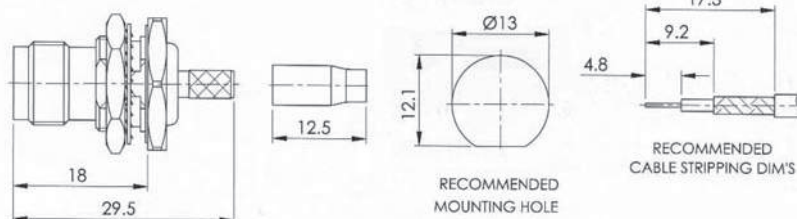
\*SEE PAGE H0002 FOR THE OTHERS!

## REVERSE POLARITY TNC JACK CRIMP TYPE (1)

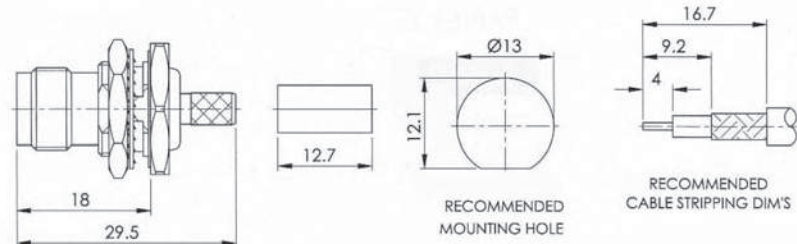
### RT843CU-\*NGT50 REVERSE POLARITY TNC JACK CRIMP TYPE



### RT802CU-\*NGT50 REVERSE POLARITY TNC JACK CRIMP BULKHEAD TYPE CABLE GROUP: L & V6



### RT802CU-\*NGT50 REVERSE POLARITY TNC JACK CRIMP BULKHEAD TYPE CABLE GROUP : F & P



## ORDERING INFORMATION:

P/N RT<sub>2</sub>xxx<sub>3</sub> CU<sub>4</sub> - x<sub>5</sub> NGT<sub>6</sub> 50<sub>7</sub> 8

2. CONNECTOR CODE :

RT843, RT802

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"L" RG174/U, RG316/U

"P" RG223/U

"V6" RG316/U DOUBLE BRAID

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

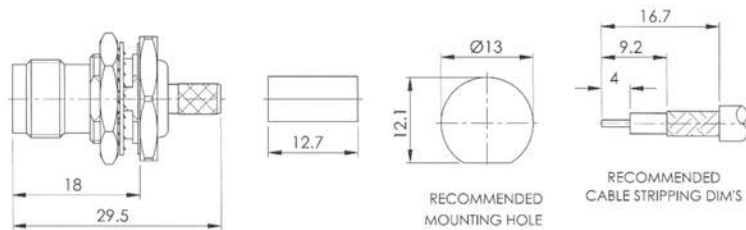
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## REVERSE POLARITY TNC JACK CRIMP TYPE (2)

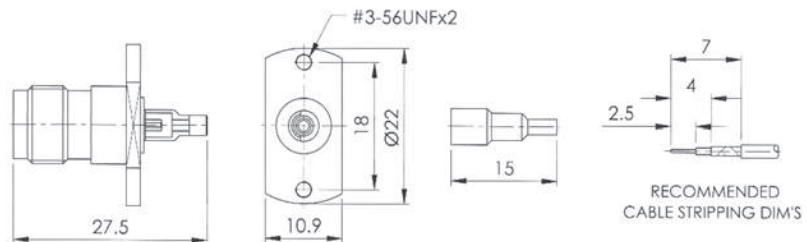
### RT802CU-13NGT50

REVERSE POLARITY TNC  
JACK CRIMP BULKHEAD  
TYPE FOR 1.13MM, 1.32MM  
& 1.5MM CABLE



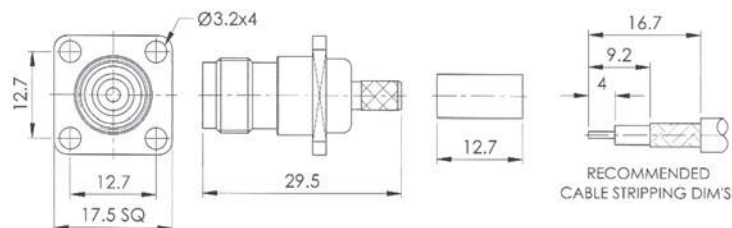
### RT847CU-13NGT50

REVERSE POLARITY  
TNC JACK CRIMP PANEL  
MOUNT TYPE FOR  
1.13MM, 1.32MM & 1.5MM  
CABLE



### RT848CU-\*NGT50

REVERSE POLARITY  
TNC JACK CRIMP PANEL  
MOUNT TYPE  
CABLE GROUP: F, P, L, V6



## ORDERING INFORMATION:

P/N RT<sub>2</sub>xxx<sub>3</sub> CU<sub>4</sub> - x<sub>5</sub> NGT<sub>6</sub> 50<sub>7</sub> 8

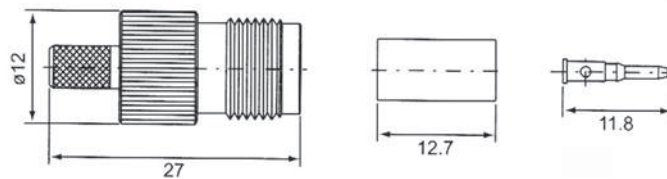
2. CONNECTOR CODE :  
RT802, RT847, RT848
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"F" RG58/U, RG141/U  
"L" RG174/U, RG316/U  
"P" RG223/U  
"V6" RG316/U DOUBLE BRAID

5. BODY FINISH:  
"N" NICKEL PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

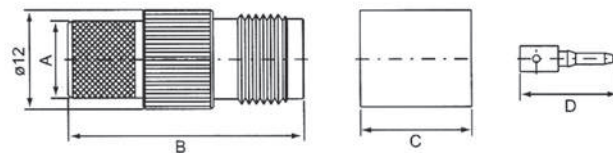
\*SEE PAGE H0002 FOR THE OTHERS!

## REVERSE POLARITY TNC JACK CRIMP TYPE (3)

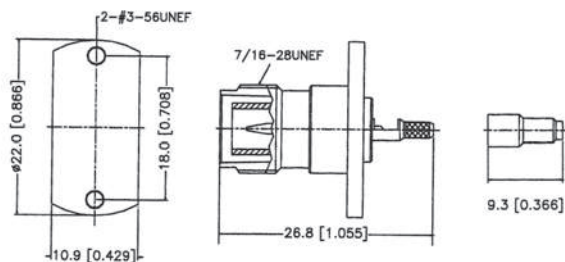
**RT803CU-\*NGT\*\***  
 REVERSE POLARITY  
 TNC JACK CRIMP TYPE  
 FOR RG6/U, RG58/U  
 & RG59/U CABLE  
 (CODE: A, F & G)



**RT803CU-\*NGT\*\***  
 REVERSE POLARITY  
 TNC JACK CRIMP TYPE  
 FOR RG213/U & RLF5  
 CABLE (CODE: B & R5)



**RT812CU-\*NGT\*\***  
 REVERSE POLARITY  
 TNC JACK PANEL MOUNT  
 CRIMP/SOLDER TYPE



### ORDERING INFORMATION:

P/N RT<sub>2</sub>xxx<sub>3</sub> CU<sub>4</sub> - x<sub>5</sub> NGT<sub>6</sub> 50<sub>7</sub> 8

2. CONNECTOR CODE :  
RT803, RT812
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"F" RG58/U, RG141/U  
"G" RG59/U, RG62/U  
"A" RG6/U  
"B" RG213/U

5. BODY FINISH:  
"N" NICKEL PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

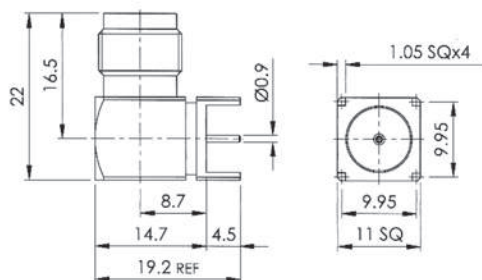
\*SEE PAGE H0002 FOR THE OTHERS!



## REVERSE POLARITY TNC JACK

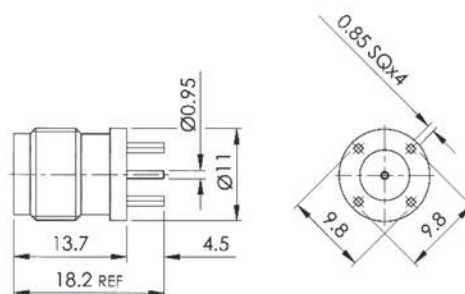
### RT849CU-XNGT50

REVERSE POLARITY TNC JACK RIGHT ANGLE PCB MOUNT TYPE



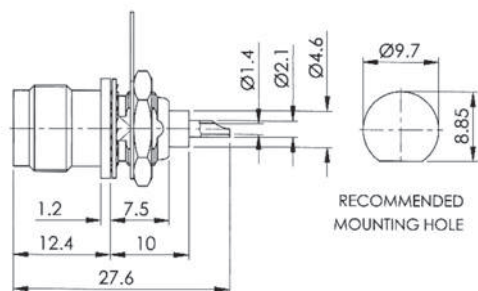
### RT850CU-XNGT50

REVERSE POLARITY TNC JACK STRAIGHT PCB MOUNT TYPE



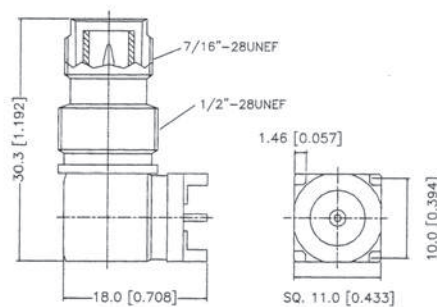
### RT851CU-XNGT50

REVERSE POLARITY TNC BULKHEAD SOLDER JACK



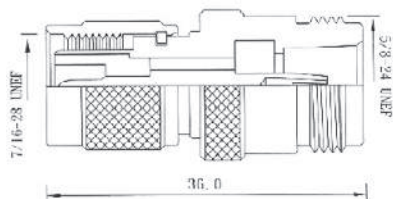
### RT820CU-XNGT50

REVERSE POLARITY TNC JACK WITH 4 LEGS R/A PCB MOUNT TYPE

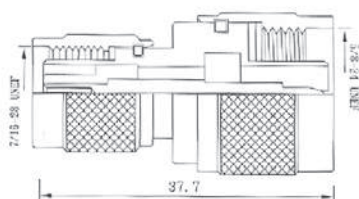


## REVERSE POLARITY TNC ADAPTORS

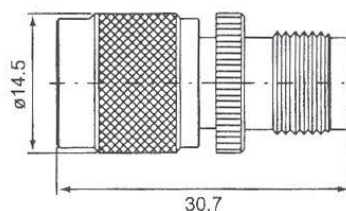
**RT846CU-XNGT50**  
R/P TNC MALE TO  
STANDARD N FEMALE



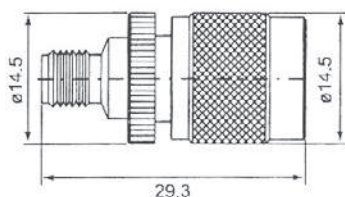
**RT813CU-XNGD50**  
**RT813CU-XNGT50**  
R/P TNC MALE TO  
STANDARD N MALE



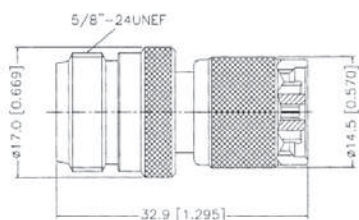
**RT809CU-XNGT50**  
R/P TNC MALE TO  
STANDARD TNC FEMALE



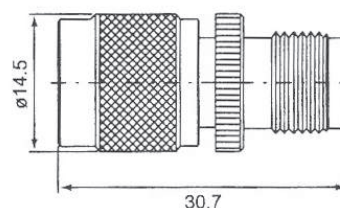
**RT815CU-XNGT50**  
R/P TNC MALE TO  
STANDARD SMA FEMALE



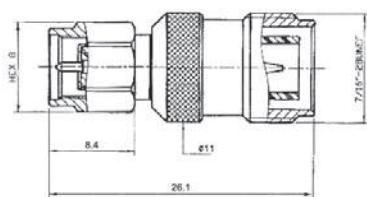
**RT814CU-XNGT50**  
R/P TNC MALE TO  
STANDARD N FEMALE



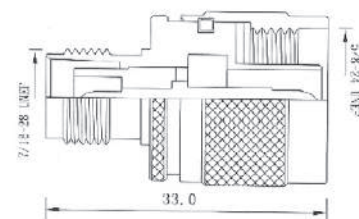
**RT810CU-XNGT50**  
R/P TNC MALE TO  
R/P TNC FEMALE



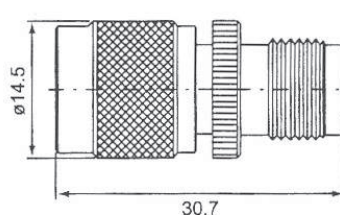
**RT839CU-XNGT50**  
R/P TNC FEMALE TO  
STANDARD SMA MALE



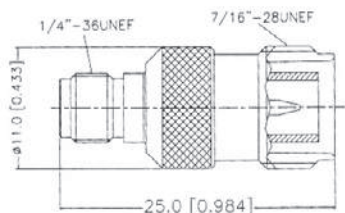
**RT823CU-XNGD50**  
**RT823CU-XNGT50**  
R/P TNC FEMALE TO  
STANDARD N MALE



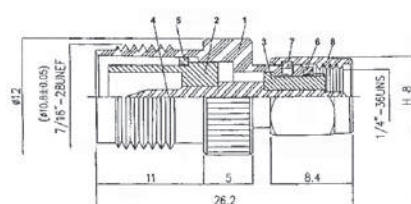
**RT811CU-XNGT50**  
STANDARD TNC MALE TO  
R/P TNC FEMALE



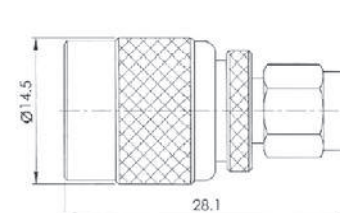
**RT822CU-XNGT50**  
R/P TNC FEMALE TO  
STANDARD SMA FEMALE



**RT840CU-XNGT50**  
R/P TNC FEMALE TO  
STANDARD SMA MALE



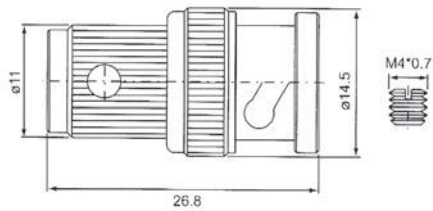
**RT836CU-XNGT50**  
R/P TNC MALE TO  
STANDARD SMA MALE



## RF COAXIAL RAPID CONNECTORS

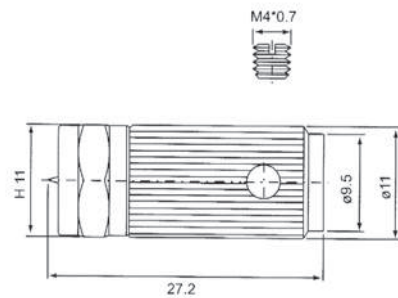
### B286CU-XNND00

BNC PLUG RAPID TYPE FOR RG58/U, RG59/U CABLE



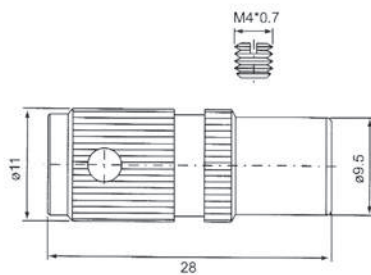
### F649CU-XNND00

F PLUG RAPID TYPE FOR RG58/U, RG59/U CABLE



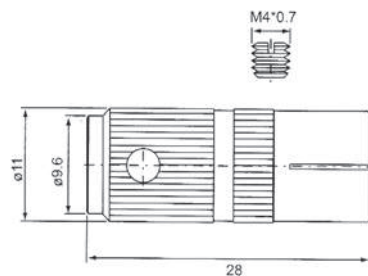
### P916CU-XNND00

PAL PLUG RAPID TYPE FOR RG58/U, RG59/U CABLE



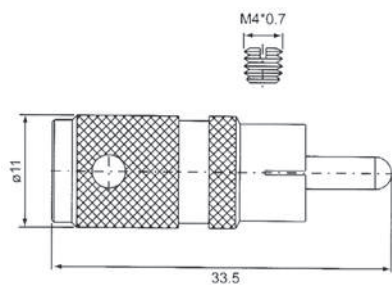
### P917CU-XNND00

PAL JACK RAPID TYPE FOR RG58/U, RG59/U CABLE



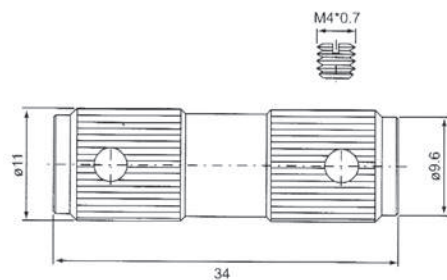
### R441CU-XNND00

RCA PLUG RAPID TYPE FOR RG58/U, RG59/U CABLE



### R442CU-XNND00

RAPID COUPLER FOR RG58/U, RG59/U CABLE



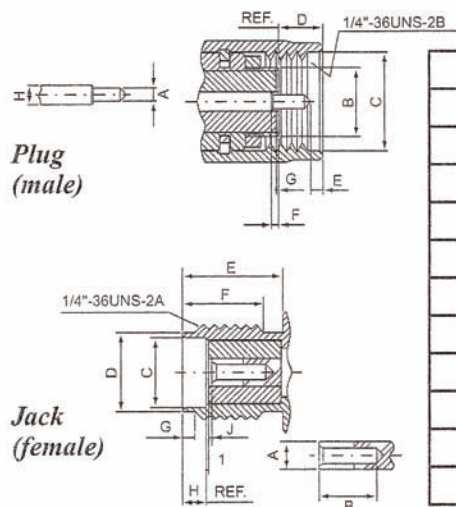
## SMA SERIES CONNECTORS & ADAPTORS

### 50 Ohm 0-18GHz

SMA series connectors are semi-precision, subminiature, high frequency connectors and offer reliable broadband performance DC to 18GHz with low reflection and constant 50-Ohm impedance.

The main features are high mechanical strength, high durability and low VSWR. Developed design principles, careful manufacturing at all stages and a thorough quality assurance organization are the basis for the well know quality have made the SMA are widely in the microwave community. Among typical applications are components, such as dividers, mixers, amplifiers, trimmers and attenuators. SMA connectors are also used to provide interconnections from printed circuit board strip lines to coaxial cable.

### Interface Dimensions:



	Plug		Jack	
	min.	max.	min.	max.
A	0.90/.036	0.94/.037	1.24/.049	1.29/.051
B	-	4.59/.181	2.67/.105	-
C	6.35/.250	-	5.28/.208	5.49/.216
D	-	3.34/.135	4.59/.181	4.67/.184
E	0.38/.015	1.14/.045	5.54/.218	-
F	0.00/.000	0.25/.010	4.32/.170	-
G	0.00/.000	0.18/.007	0.38/.015	1.14/.045
H	1.24/.049	1.29/.051	1.88/.074	1.98/.078
I	-	-	0.00/.000	0.25/.010
J	-	-	0.00/.000	0.18/.007

### Electrical:

Impedance	50 ohm
Frequency Range	0 to 18.0 GHz *RG-402 & RG-405 semi-rigid cable-0 to 18.0GHz *flexible cable→max operation frequency of cable per MIL-C-17(12.4GHz max)
VSWR	RG178U→1.2+0.025 f max GHz(Straight) →1.2+0.03 f max GHz(Right angle)
	RG316U→1.15+0.02 f max GHz(Straight) →1.15+0.03 f max GHz(Right angle)
	RG412U→1.15+0.01 f max GHz(Straight) →1.15+0.02 f max GHz(Right angle)
	RG402U→1.05+0.01 f max GHz(Straight) →1.1+0.01 f max GHz(Right angle)
	RG405U→1.07+0.01 f max GHz(Straight) →1.1+0.01 f max GHz(Right angle)
Insertion Loss	0.06dB maximum $\sqrt{f} \times \text{GHz} @ 6\text{GHz}$

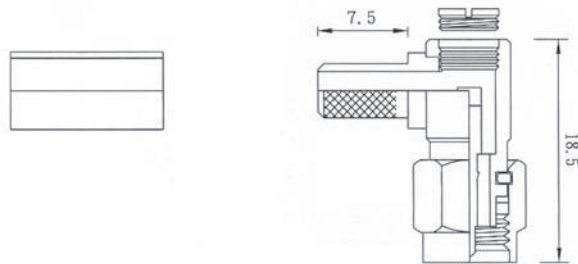


## SMA PLUG CRIMP TYPE (1)

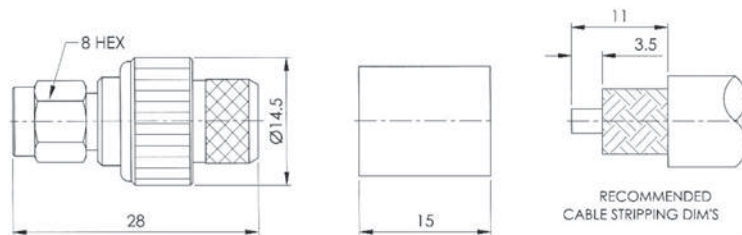
### SA703CU-\*GGT50 SMA PLUG CRIMP TYPE



### SA702CU-\*GGT50 SMA PLUG CRIMP RIGHT ANGLE TYPE



### SA895CU-\*GGT50 SMA PLUG CRIMP TYPE FOR RG213U, RG214U & LMR-400 CABLE (CODE: B, C, Y4)



## ORDERING INFORMATION:

P/N SA<sub>2</sub>xxxCU<sub>3</sub> - x<sub>4</sub>G<sub>5</sub>G<sub>6</sub>T<sub>7</sub>50<sub>8</sub>

2. CONNECTOR CODE :

SA703, SA702, SA895

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"L" RG174/U, RG316/U

"M" RG178/U, RG196/U

"V6" RG316/U DOUBLE BRAID

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

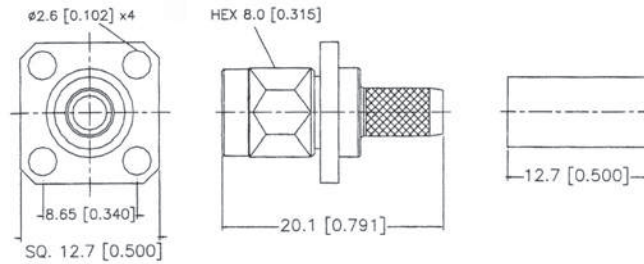
\*SEE PAGE H0002 FOR THE OTHERS!



## SMA PLUG CRIMP TYPE (2)

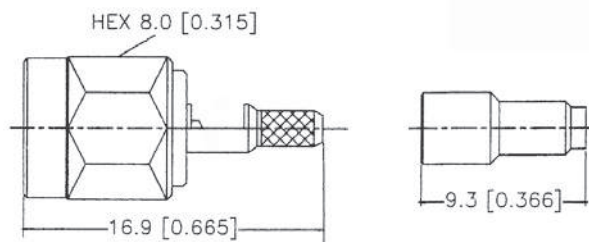
### SA769CU-\*GGT50

SMA PLUG CRIMP PANEL  
MOUNT TYPE WITH  
SQUARE FLANGE



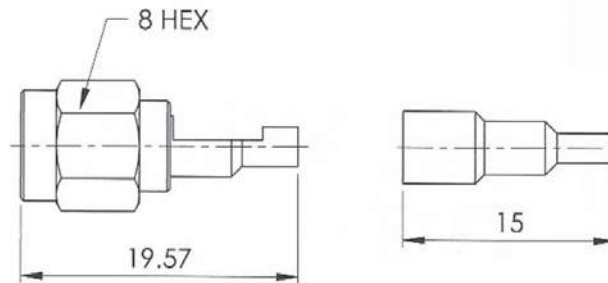
### SA771CU-\*GGT50

SMA PLUG CRIMP/SOLDER  
TYPE



### SA771CU-13GGT50

SMA PLUG CRIMP TYPE  
FOR 1.13MM, 1.32MM &  
1.5MM CABLE



## ORDERING INFORMATION:

P/N SAxxx CU - xGGT50

2                      3                      4 5 6 7 8

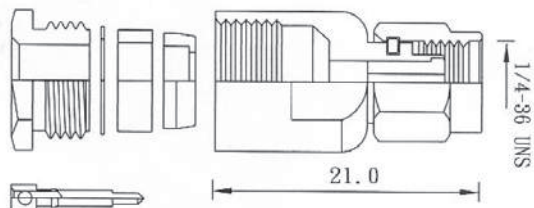
2. CONNECTOR CODE :  
SA769, SA771
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"F" RG58/U, RG141/U  
"G" RG59/U, RG62/U  
"L" RG174/U, RG316/U  
"N" RG179/U, RG187/U

5. BODY FINISH:  
"G" GOLD PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

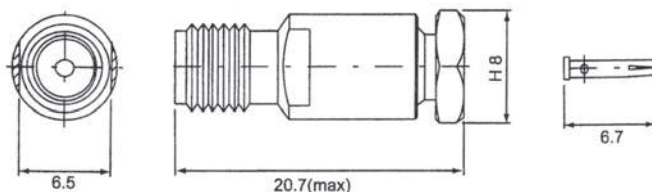
\*SEE PAGE H0002 FOR THE OTHERS!

## SMA JACK/PLUG CLAMP TYPE

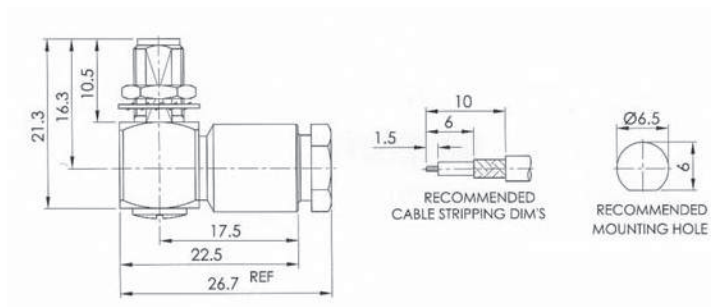
### SA701CU-\*GGT50 SMA PLUG CLAMP TYPE



### SA787CU-LGGT50 SMA JACK CLAMP TYPE FOR RG174/U, RG316/U CABLE



### SA894CU-LGGT50 SMA JACK RIGHT ANGLE CLAMP TYPE FOR RG174/U, RG316U CABLE



## ORDERING INFORMATION:

P/N SA<sub>2</sub>xxxCU<sub>3</sub> - x<sub>4</sub>G<sub>5</sub>G<sub>6</sub>T<sub>7</sub>50<sub>8</sub>

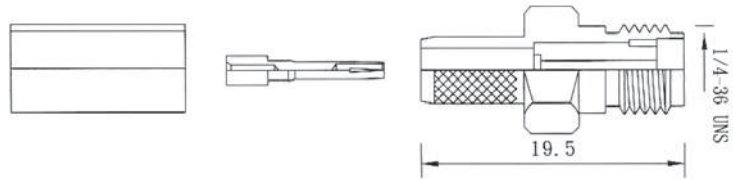
2. CONNECTOR CODE :  
SA701, SA787, SA894
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"F" RG58/U, RG141/U  
"G" RG59/U, RG62/U  
"L" RG174/U, RG316/U  
"N" RG179/U, RG187/U

5. BODY FINISH:  
"G" GOLD PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

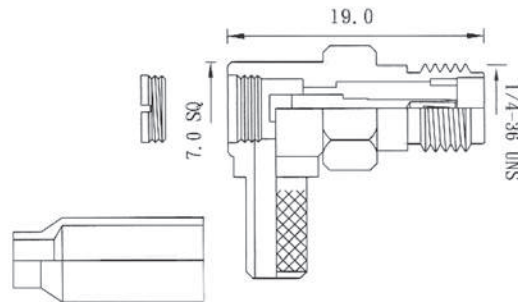
\*SEE PAGE H0002 FOR THE OTHERS!

## SMA JACK CRIMP TYPE (1)

### SA705CU-\*GGT50 SMA JACK CRIMP TYPE

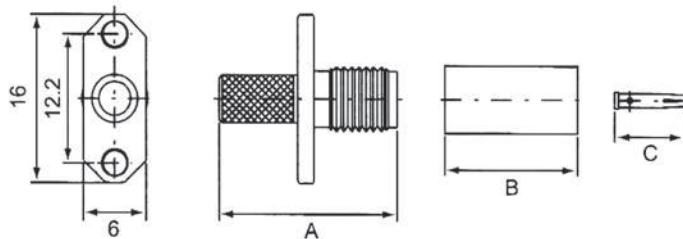


### SA875CU-\*GGT50 SMA JACK CRIMP RIGHT ANGLE TYPE



### SA707CU-\*GGT50 SMA JACK CRIMP PANEL MOUNT TYPE WITH NARROW FLANGE

RG58U: A/B/C=17.0/12.7/6.7MM  
RG174U: A/B/C=14.5/7.0/6.7MM



## ORDERING INFORMATION:

P/N SA<sub>2</sub>xxxCU<sub>3</sub> - x<sub>4</sub>G<sub>5</sub>G<sub>6</sub>T<sub>7</sub>50<sub>8</sub>

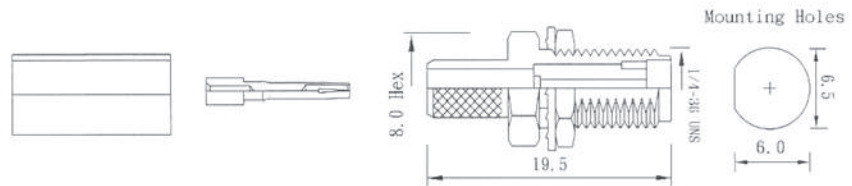
- |   |  |
|---|--|
| <p>2. CONNECTOR CODE :<br/>SA705, SA875, SA707</p> <p>3. BODY MATERIAL:<br/>"CU" BRASS</p> <p>4. CABLE GROUP CODE:<br/>"F" RG58/U, RG141/U<br/>"L" RG174/U, RG316/U<br/>"P" RG223/U<br/>"V6" RG316/U DOUBLE BRAID</p> | <p>5. BODY FINISH:<br/>"G" GOLD PLATED</p> <p>6. CENTER PIN FINISH:<br/>"G" GOLD PLATED</p> <p>7. INSULATION:<br/>"T" TEFLON</p> <p>8. IMPEDANCE:<br/>"50" 50 OHMS</p> |
|---|--|

\*SEE PAGE H0002 FOR THE OTHERS!

## SMA JACK CRIMP TYPE (2)

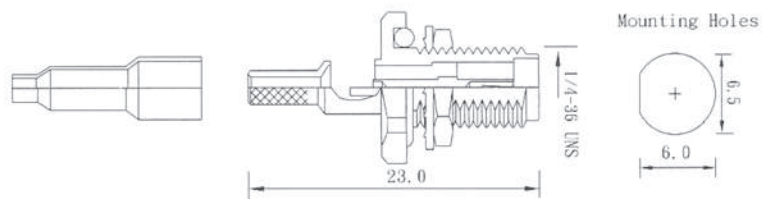
### SA704CU-\*GGT50

SMA JACK CRIMP  
BULKHEAD TYPE



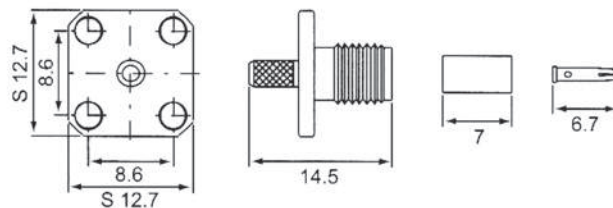
### SA789CU-\*GGT50

SMA JACK SOLDER/  
CRIMP BULKHEAD  
TYPE (WINDOW)



### SA711CU-LGGT50

SMA JACK CRIMP PANEL  
MOUNT TYPE WITH  
SQUARE FLANGE  
FOR RG174U, RG316U  
CABLE



## ORDERING INFORMATION:

P/N SA<sub>2</sub>xxxCU<sub>3</sub> - x<sub>4</sub>G<sub>5</sub>G<sub>6</sub>T<sub>7</sub>50<sub>8</sub>

2. CONNECTOR CODE :

SA704, SA789, SA711

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"L" RG174/U, RG316/U

"P" RG223/U

"V6" RG316/U DOUBLE BRAID

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

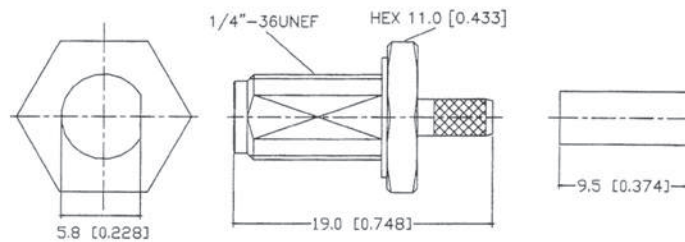
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## SMA JACK CRIMP TYPE (3)

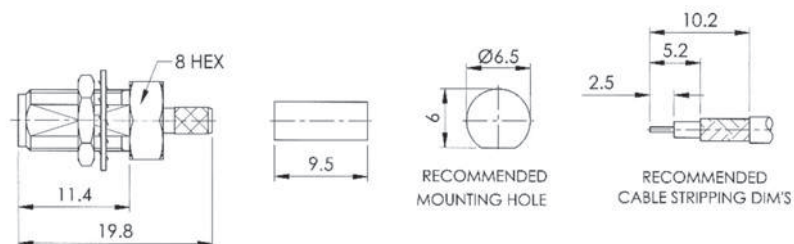
### SA781CU-\*GGT50

SMA JACK CRIMP  
BULKHEAD TYPE  
(WATERPROOF)



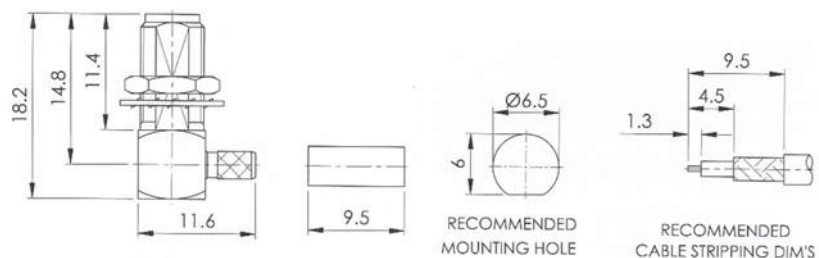
### SA778CU-\*GGT50

SMA JACK CRIMP  
BULKHEAD TYPE



### SA782CU-\*GGT50

SMA JACK BULKHEAD  
CRIMP RIGHT ANGLE  
TYPE



## ORDERING INFORMATION:

P/N SA<sub>2</sub>xxxCU<sub>3</sub>-xGGT50<sub>4 5 6 7 8</sub>

2. CONNECTOR CODE :

SA781, SA778, SA782

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"L" RG174/U, RG316/U

"P" RG223/U

"V6" RG316/U DOUBLE BRAID

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

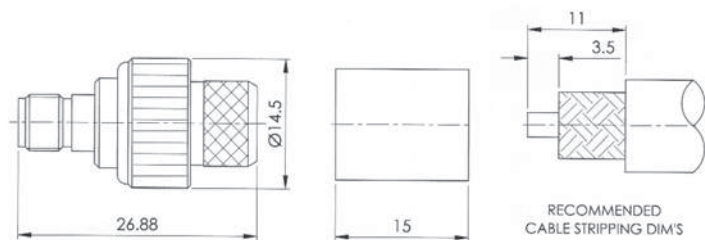
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

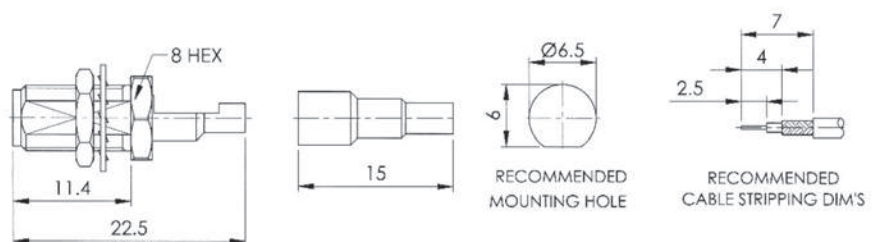


## SMA JACK CRIMP TYPE (4)

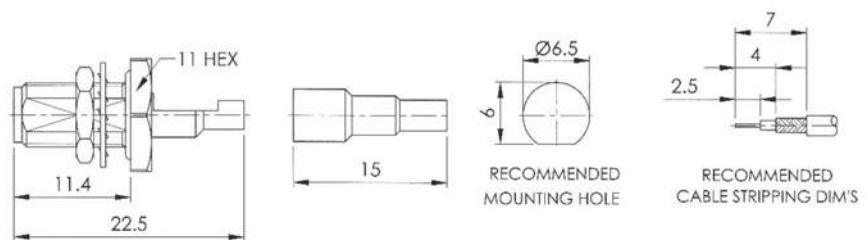
**SA896CU-\*GGT50**  
SMA JACK CRIMP TYPE  
FOR RG213/U, RG214/U &  
LMR-400 CABLE  
(CODE: B, C, Y4)



**SA897CU-13GGT50**  
SMA JACK CRIMP  
BULKHEAD TYPE FOR  
1.13MM, 1.32MM &  
1.5MM CABLE  
(8MM HEX)



**SA898CU-13GGT50**  
SMA JACK CRIMP  
BULKHEAD TYPE  
FOR 1.13MM, 1.32MM  
& 1.5MM CABLE  
(11MM HEX)



### ORDERING INFORMATION:

P/N SA<sub>2</sub>xxxCU<sub>3</sub>-xGGT50<sub>4 5 6 7 8</sub>

2. CONNECTOR CODE :

SA896, SA897, SA898

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"13" 1.13MM~1.50MM CABLE

"B" RG213/U, B8267

"C" RG214/U, B8268

"Y4" LMR-400, B7810A, B8214

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

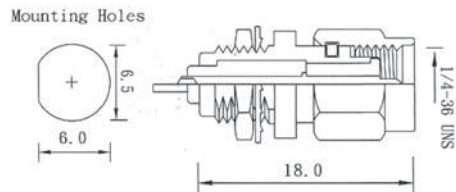
8. IMPEDANCE:

"50" 50 OHMS

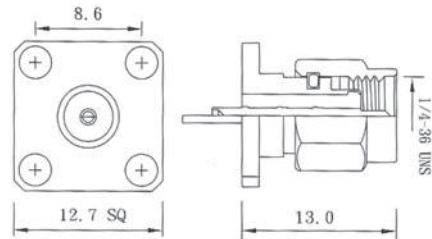
\*SEE PAGE H0002 FOR THE OTHERS!

## SMA PLUG SOLDER TYPE

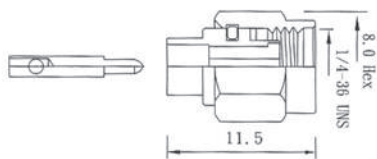
**SA715CU-XGGT50**  
**SA715CU-XNGT50**  
 SMA PLUG SOLDER BULKHEAD TYPE



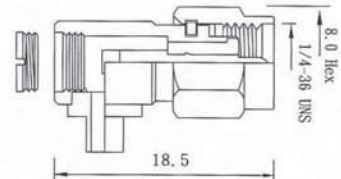
**SA726CU-XGGT50**  
**SA726CU-XNGT50**  
 SMA PLUG SOLDER PANEL MOUNT TYPE



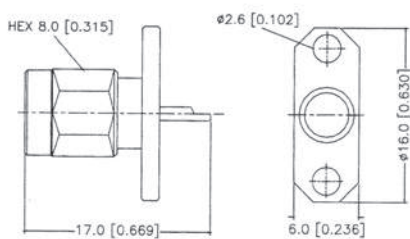
**SA768CU-R1GGT50** (RG402/U)  
**SA768CU-R2GGT50** (RG405/U)  
 SMA PLUG SOLDER TYPE FOR SEMI-RIGID CABLE



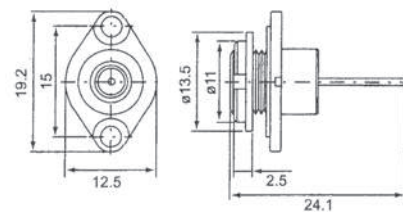
**SA780CU-R1GGT50** (RG402/U)  
**SA780CU-R2GGT50** (RG405/U)  
 SMA PLUG RIGHT ANGLE DIRECT SOLDER TYPE FOR SEMI-RIGID CABLE



**SA739CU-XGGT50**  
**SA739CU-XNGT50**  
 SMA PLUG PANEL MOUNT WITH NARROW FLANGE



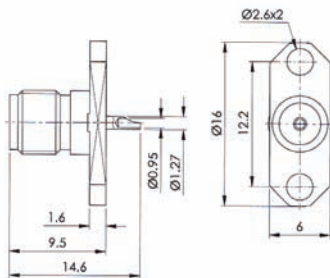
**SA788CU-XGGT50**  
**SA788CU-XNGT50**  
 SMA PLUG SOLDER PANEL WITH NARROW FLANGE



## SMA JACK PANEL MOUNT TYPE (1)

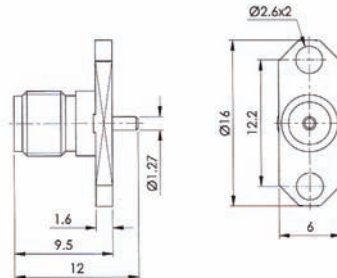
### SA905CU-XGGT50

SMA JACK WITH SOLDER CUP PANEL MOUNT TYPE



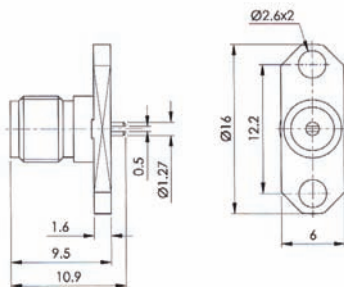
### SA906CU-XGGT50

SMA JACK WITH BLUND POST PANL MOUNT TYPE



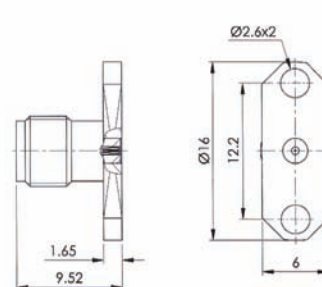
### SA907CU-XGGT50

SMA JACK WITH SLOT PANL MOUNT TYPE



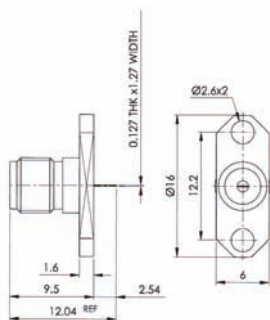
### SA908CU-XGGT50

SMA JACK FOR ACCEPTING PIN PANEL MOUNT TYPE



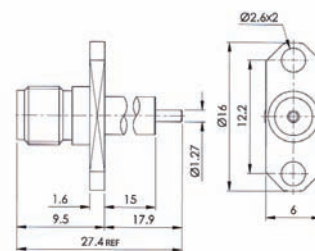
### SA909CU-XGGT50

SMA JACK WITH TAB PANEL MOUNT TYPE



### SA910CU-XGGT50

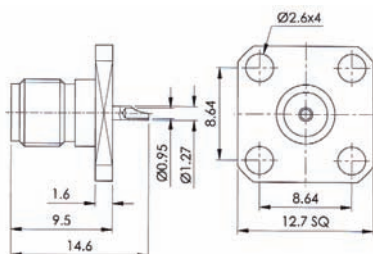
SMA PANEL MOUNT JACK WITH EXPOSED TEFLON



## SMA JACK PANEL MOUNT TYPE (2)

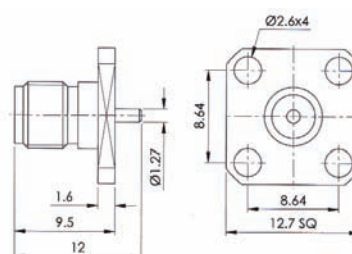
### SA911CU-XGGT50

SMA PANEL MOUNT JACK WITH SOLDER CUP



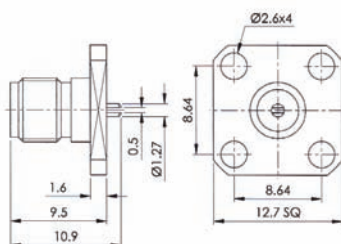
### SA912CU-XGGT50

SMA PANEL MOUNT JACK WITH BLUND POST



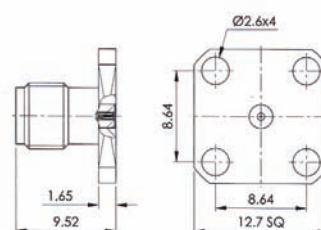
### SA913CU-XGGT50

SMA PANEL MOUNT JACK WITH SLOT



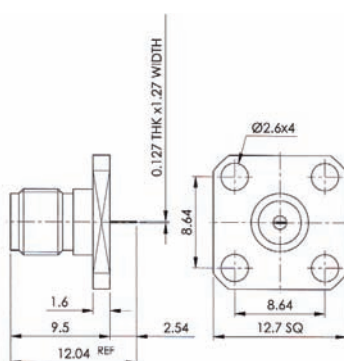
### SA914CU-XGGT50

SMA PANEL MOUNT JACK FOR ACCEPTING PIN



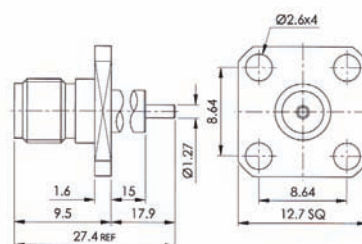
### SA915CU-XGGT50

SMA PANEL MOUNT JACK WITH TAB



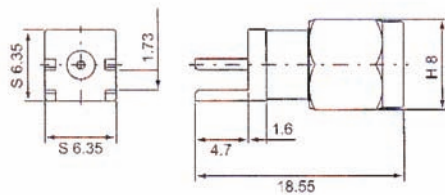
### SA744CU-XGGT50

SMA PANEL MOUNT JACK WITH EXPOSED TEFLON

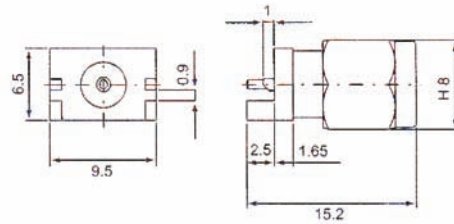


## SMA PLUG PCB MOUNT TYPE & SMA TERMINATOR

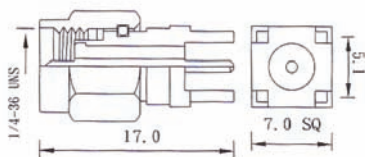
**SA792CU-XGGT50**  
**SA792CU-XNGT50**  
 SMA PLUG STRAIGHT PCB MOUNT TYPE



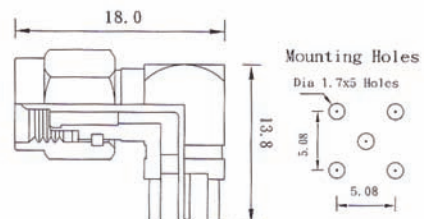
**SA793CU-XGGT50**  
**SA793CU-XNGT50**  
 SMA PLUG STRAIGHT PCB MOUNT TYPE



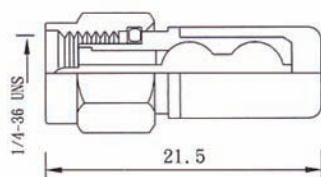
**SA878CU-XGGT50**  
**SA878CU-XNGT50**  
 SMA PLUG STRAIGHT PCB MOUNT TYPE



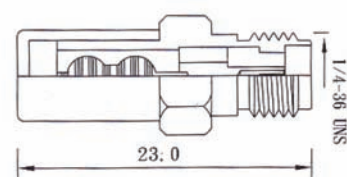
**SA766CU-XGGT50**  
**SA766CU-XNGT50**  
 SMA PLUG RIGHT ANGLE PCB MOUNT TYPE



**SA877CU-XGGT50**  
**SA877CU-XNGT50**  
 SMA PLUG TERMINATOR 50Ω



**SA881CU-XGGT50**  
**SA881CU-XNGT50**  
 SMA JACK TERMINATOR 50Ω

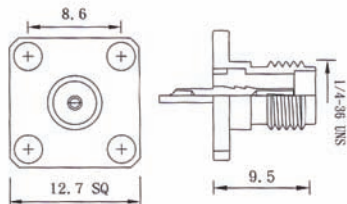




## SMA JACK SOLDER TYPE & PROTECTIVE CAP

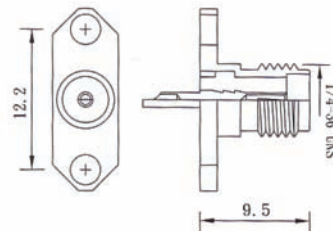
### SA713CU-XGGT50 SA713CU-XNGT50

SMA JACK SOLDER PANEL MOUNT TYPE WITH SQUARE FLANGE



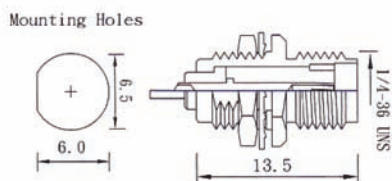
### SA724CU-XGGT50 SA724CU-XNGT50

SMA JACK SOLDER PANEL MOUNT TYPE WITH NARROW FLANGE



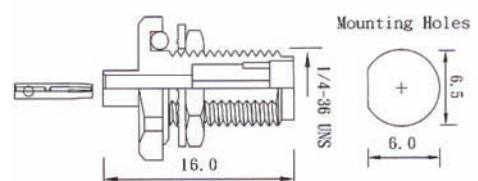
### SA716CU-XGGT50 SA716CU-XNGT50

SMA JACK SOLDER BULKHEAD TYPE



### SA729CU-R1GGT50 (RG402/U) SA729CU-R2GGT50 (RG405/U)

SMA JACK BULKHEAD SOLDER FOR SEMI-RIGID CABLE

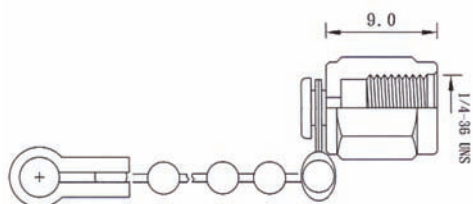


### SA830CU-XNXX

PROTECTIVE CAP FOR SMA JACK WITH CHAIN

### SA831CU-XNXX

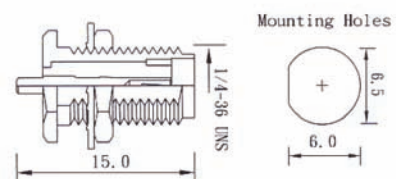
PROTECTIVE CAP FOR SMA JACK WITHOUT CHAIN



### SA790CU-XGGT50

### SA790CU-XNGT50

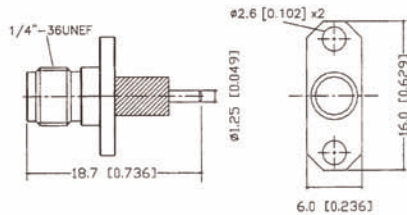
SMA JACK FRONT MOUNT SOLDER BULKHEAD TYPE



## SMA JACK SOLDER TYPE & PCB MOUNT TYPE (1)

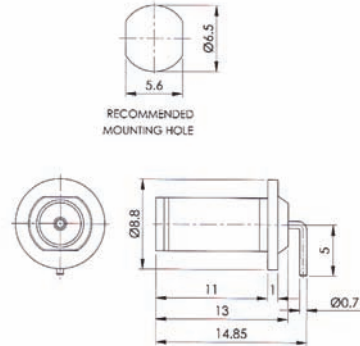
### SA745CU-XGGT50 SA745CU-XNGT50

SMA JACK PANEL MOUNT WITH NARROW FLANGE & EXPOSED TEFLON



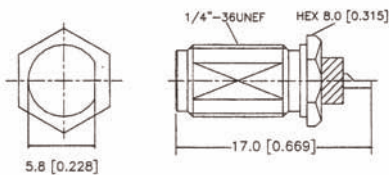
### SA916CU-XGGT50

SMA JACK BULKHEAD SOLDER TYPE



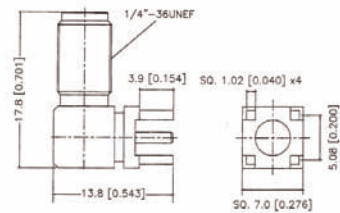
### SA777CU-XGGT50 SA777CU-XNGT50

SMA JACK BULKHEAD SOLDER REAR MOUNT TYPE



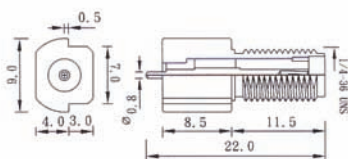
### SA785CU-XGGT50 SA785CU-XNGT50

SMA JACK BULKHEAD R/A PCB MOUNT TYPE



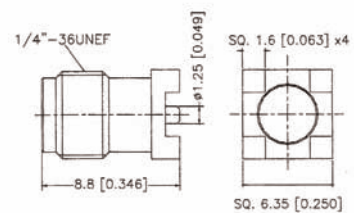
### SA836CU-XGGT50 SA836CU-XNGT50

SMA EDGE MOUNT JACK



### SA773CU-XGGT50 SA773CU-XNGT50

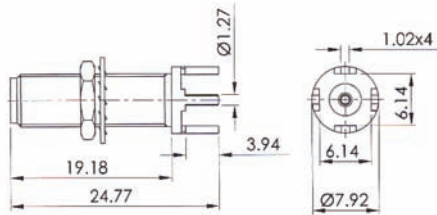
SMA JACK SMT PCB MOUNT TYPE



## SMA JACK SOLDER TYPE & PCB MOUNT TYPE (2)

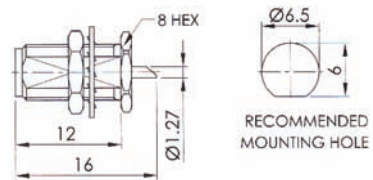
### SA899CU-XGGT50

SMA JACK BULKHEAD PCB MOUNT TYPE



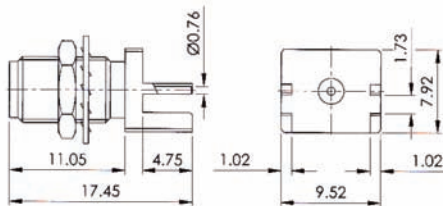
### SA900CU-XGGT50

SMA JACK BULKHEAD SOLDER TYPE



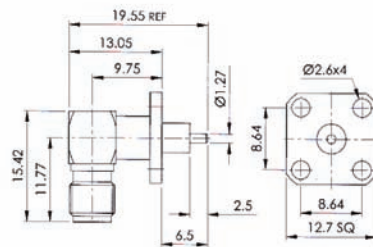
### SA901CU-XGGT50

SMA JACK BULKHEAD END LAUNCH TYPE



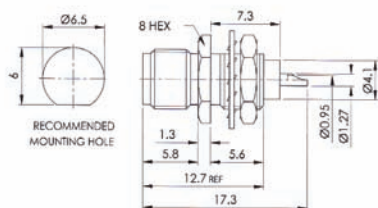
### SA902CU-XGGT50

SMA JACK PANEL MOUNT WITH EXPOSED TEFLON RIGHT ANGLE TYPE



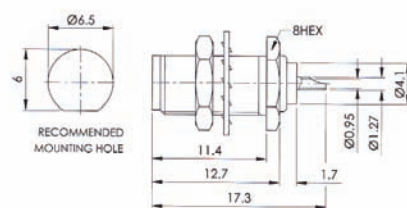
### SA903CU-XGGT50

SMA JACK BULKHEAD SOLDER REAR MOUNT TYPE



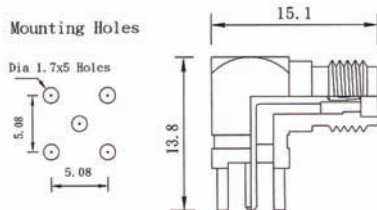
### SA904CU-XGGT50

SMA JACK BULKHEAD SOLDER FRONT MOUNT TYPE

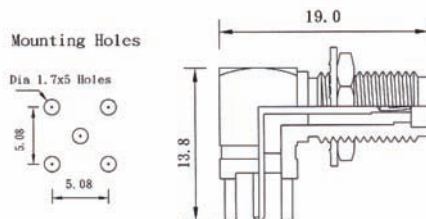


## SMA JACK PCB MOUNT TYPE (1)

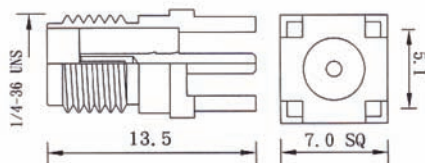
**SA728CU-XGGT50**  
**SA728CU-XNGT50**  
 SMA JACK RIGHT ANGLE PCB MOUNT TYPE



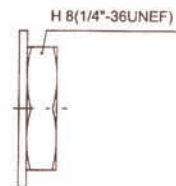
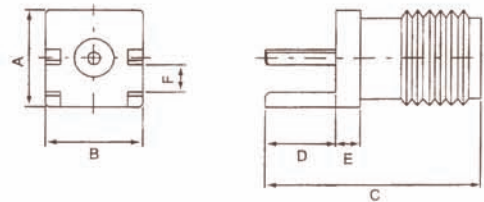
**SA767CU-XGGT50**  
**SA767CU-XNGT50**  
 SMA JACK RIGHT ANGLE PCB MOUNT TYPE WITH NUT & WASHER



**SA727CU-XGGT50**  
**SA727CU-XNGT50**  
 SMA JACK PCB MOUNT TYPE



**SA801CU-X\*GT50**  
**SA802CU-X\*GT50**  
**SA803CU-X\*GT50**  
**SA804CU-X\*GT50**  
**SA805CU-X\*GT50**  
**SA806CU-X\*GT50**  
**SA807CU-X\*GT50**  
**SA808CU-X\*GT50**  
**SA809CU-X\*GT50**  
**SA810CU-X\*GT50**  
**SA811CU-X\*GT50**  
 SMA JACK STRAIGHT PCB MOUNT TYPE  
 \* G = GOLD PLATED BODY  
 \* N = NICKEL PLATED BODY



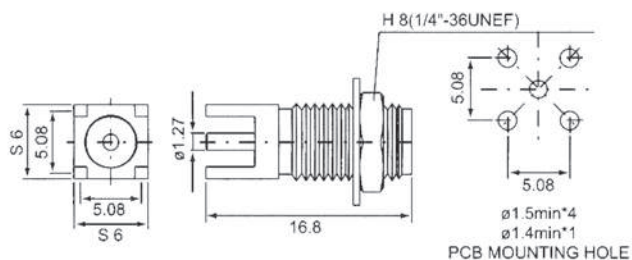
**NUT & WASHER**

PART NO.	A	B	C	D	E	F
SA801CU	6.35	6.35	14.2	4.7	1.6	1.73
SA802CU	6.35	6.35	26.3	4.7	1.6	1.73
SA803CU	8	9.5	13.5	4	1.5	0.95
SA804CU	6.35	6.35	17.5	4.7	1.6	1.73
SA805CU	7.9	9.5	17.45	4.75	1.65	1.73
SA806CU	7.9	9.5	14.25	4.75	1.65	1.73
SA807CU	8	9.5	17.5	4.7	1.6	0.95
SA808CU	6.35	6.35	14.2	4.7	1.6	1.22
SA809CU	7.9	9.5	14.3	5.4	1.3	0.9
SA810CU	7	7	13.5	2.5	1	1.7
SA811CU	6.35	6.35	17.5	4.7	1.6	1.22

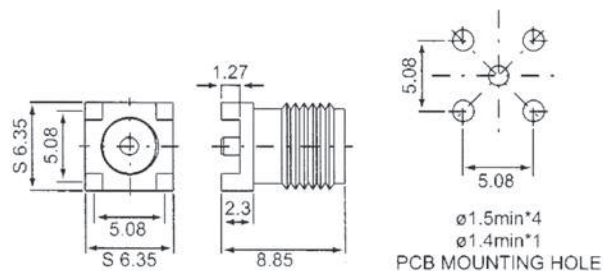
**WITH NUT & WASHER:**  
**SA804, SA805, SA807, SA811**  
**W/O NUT & WASHER:**  
**THE OTHERS**

## SMA JACK PCB MOUNT TYPE (2)

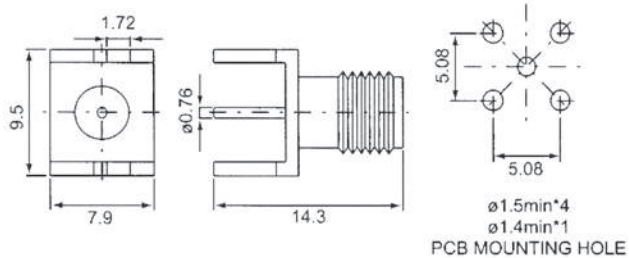
**SA794CU-XGGT50**  
**SA794CU-XNGT50**  
 SMA JACK STRAIGHT PCB MOUNT TYPE



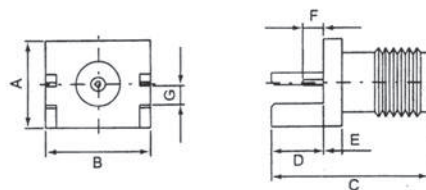
**SA795CU-XGGT50**  
**SA795CU-XNGT50**  
 SMA JACK STRAIGHT PCB MOUNT TYPE



**SA796CU-XGGT50**  
**SA796CU-XNGT50**  
 SMA JACK STRAIGHT PCB MOUNT TYPE

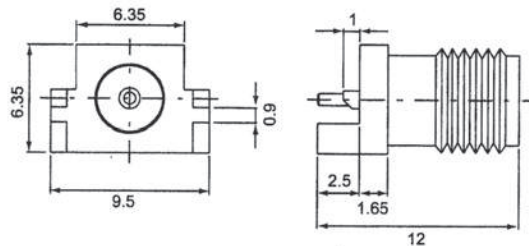


**SA797CU-X\*GT50**  
**SA798CU-X\*GT50**  
 SMA JACK STRAIGHT PCB MOUNT TYPE

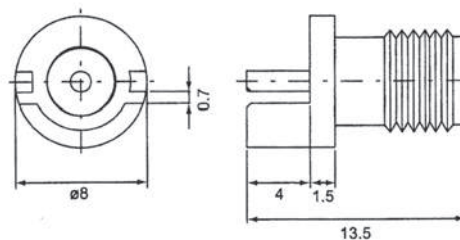


PART NO.	A	B	C	D	E	F	G
SA797CU	7.9	9.5	14.3	4.8	1.65	1.9	1.73
SA798CU	7.9	9.5	14.3	4.8	1.65	1.9	1.22

**SA799CU-XGGT50**  
**SA799CU-XNGT50**  
 SMA JACK STRAIGHT PCB MOUNT TYPE



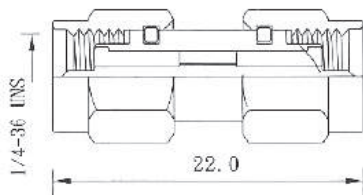
**SA800CU-XGGT50**  
**SA800CU-XNGT50**  
 SMA JACK STRAIGHT PCB MOUNT TYPE



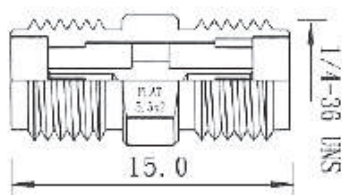


# SMA IN-SERIES ADAPTORS & PROTECTIVE CAP

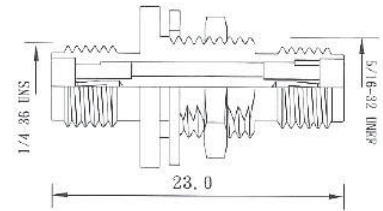
**SA722CU-XNGT50**  
SMA DOUBLE MALE



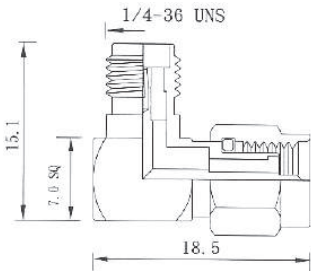
**SA723CU-XNGT50**  
SMA DOUBLE FEMALE



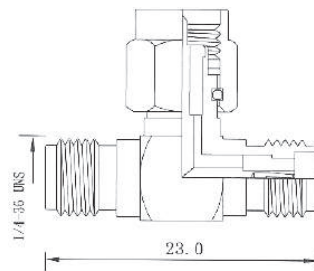
**SA721CU-XNGT50**  
SMA DOUBLE FEMALE  
BULKHEAD TYPE



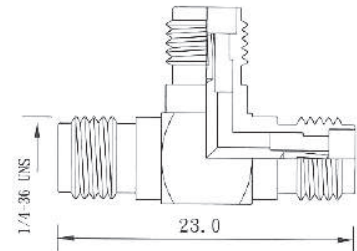
**SA720CU-XNGT50**  
SMA MALE TO SMA FEMALE  
RIGHT ANGLE TYPE



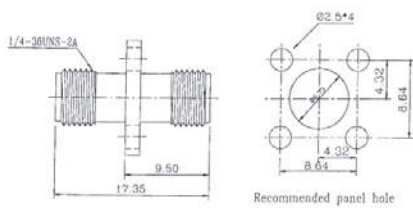
**SA719CU-XNGT50**  
SMA MALE TO  
SMA DOUBLE FEMALE



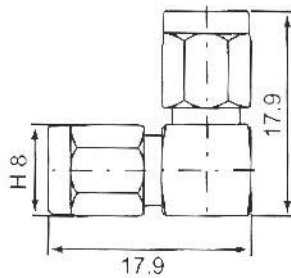
**SA718CU-XNGT50**  
SMA TRIPLE FEMALE



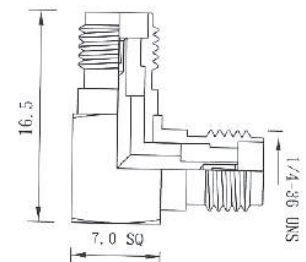
**SA866CU-XNGT50**  
SMA DOUBLE FEMALE  
WITH SQUARE FLANGE



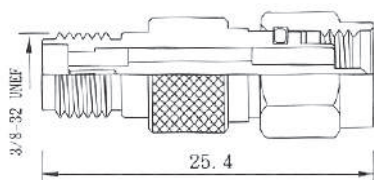
**SA814CU-XNGT50**  
SMA DOUBLE MALE  
RIGHT ANGLE TYPE



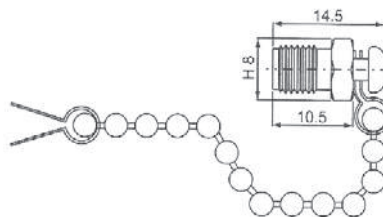
**SA815CU-XNGT50**  
SMA DOUBLE FEMALE  
RIGHT ANGLE TYPE



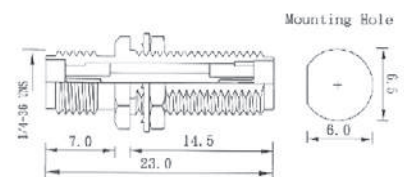
**SA813CU-XNGT50**  
SMA MALE TO  
SMA FEMALE



**SA917CU-XNXX**  
PROTECTIVE CAP FOR  
SMA PLUG WITH CHAIN

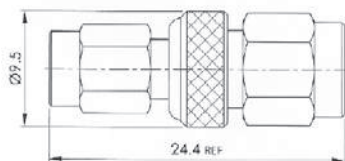


**SA874CU-XGGT50**  
SMA DOUBLE FEMALE  
BULKHEAD TYPE

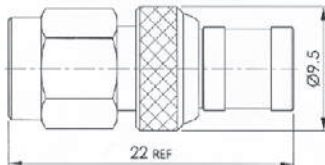


## SMA TO SSMA/SMB/REVERSE BNC ADAPTORS

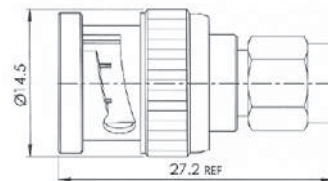
**SS311CU-XNGT50**  
SSMA MALE TO SMA MALE



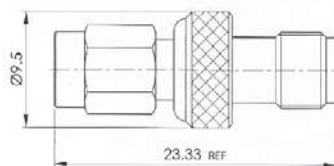
**SB407CU-XGGT50**  
SMB MALE TO SMA MALE



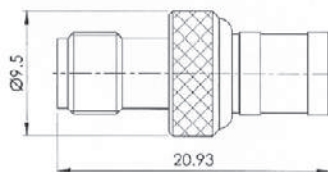
**RB716CU-XNGT50**  
R/P BNC MALE TO SMA MALE



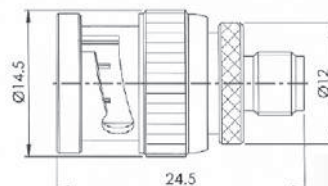
**SS312CU-XNGT50**  
SSMA MALE TO SMA FEMALE



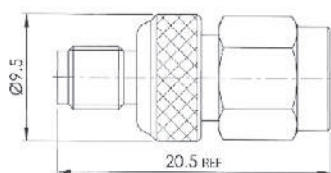
**SB408CU-XGGT50**  
SMB MALE TO SMA FEMALE



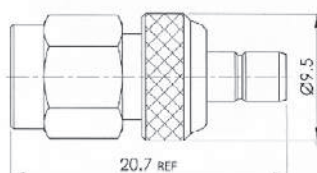
**RB717CU-XNGT50**  
R/P BNC MALE TO SMA FEMALE



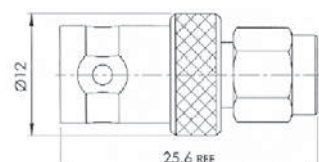
**SS313CU-XNGT50**  
SSMA FEMALE TO SMA MALE



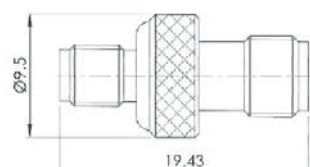
**SB409CU-XGGT50**  
SMB FEMALE TO SMA MALE



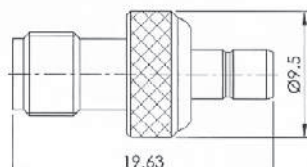
**RB718CU-XNGT50**  
R/P BNC FEMALE TO SMA MALE



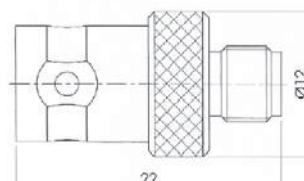
**SS314CU-XNGT50**  
SSMA FEMALE TO SMA FEMALE



**SB410CU-XGGT50**  
SMB FEMALE TO SMA FEMALE

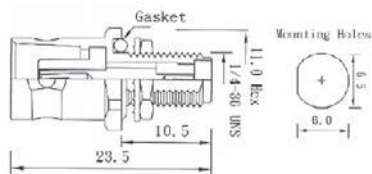


**RB719CU-XNGT50**  
R/P BNC FEMALE TO SMA FEMALE

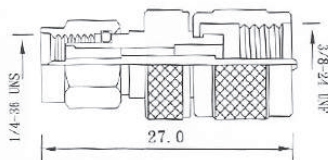


## SMA TO MINI UHF/N/OTHER ADAPTORS

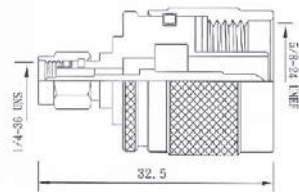
**SA873CU-XNGT50**  
BNC FEMALE TO  
SMA FEMALE BULKHEAD TYPE



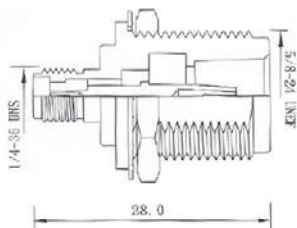
**MU558CU-XNGT50**  
MINI UHF MALE TO  
SMA MALE



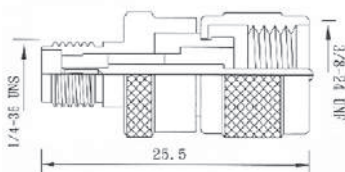
**N342CU-XNGT50**  
N MALE TO SMA MALE



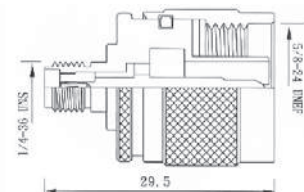
**SA893CU-XNGT50**  
SMA FEMALE TO  
N FEMALE BULKHEAD TYPE



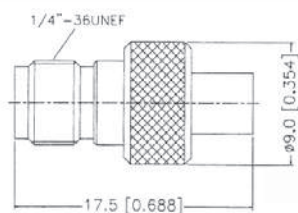
**MU560CU-XNGT50**  
MINI UHF MALE TO  
SMA FEMALE



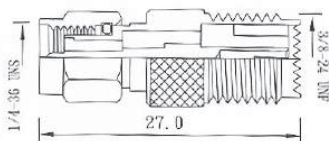
**N344CU-XNGT50**  
N MALE TO SMA FEMALE



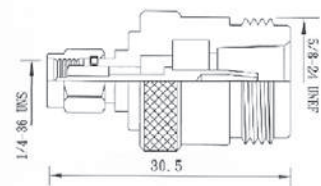
**SA816CU-XNGT50**  
SMA FEMALE TO  
MCX FEMALE



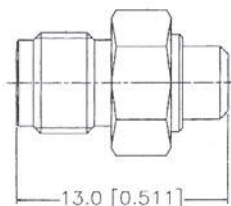
**MU559CU-XNGT50**  
MINI UHF FEMALE TO  
SMA MALE



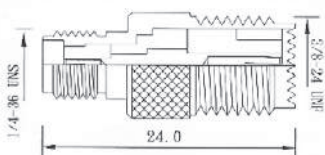
**N343CU-XNGT50**  
N FEMALE TO SMA MALE



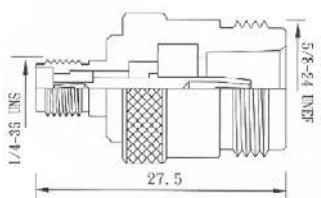
**MM871CU-XGGT50**  
MMCX FEMALE TO  
SMA FEMALE



**MU561CU-XNGT50**  
MINI UHF FEMALE TO  
SMA FEMALE

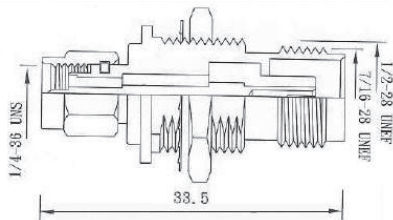


**N345CU-XNGT50**  
N FEMALE TO SMA FEMALE

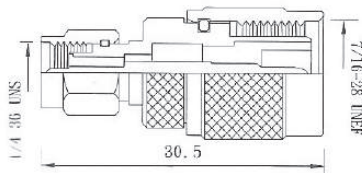


## SMA TO TNC/UHF/OTHER ADAPTORS

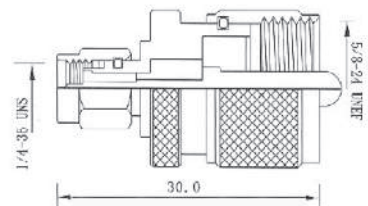
**SA812CU-XNGT50**  
SMA MALE TO TNC FEMALE  
BULKHEAD TYPE



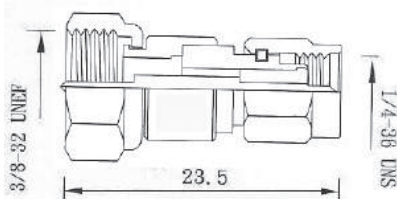
**T259CU-XNGT50**  
TNC MALE TO SMA MALE



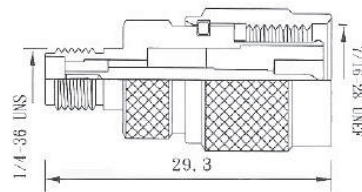
**U522CU-XNGT50**  
UHF MALE TO SMA MALE



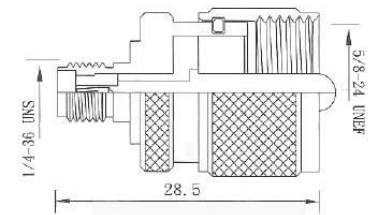
**F650CU-XNGD50**  
F MALE TO SMA MALE



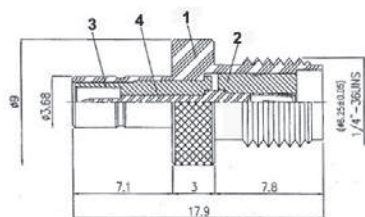
**T261CU-XNGT50**  
TNC MALE TO SMA FEMALE



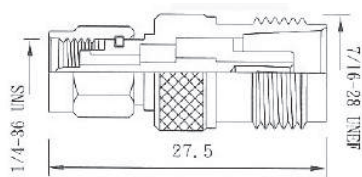
**U524CU-XNGT50**  
UHF MALE TO SMA FEMALE



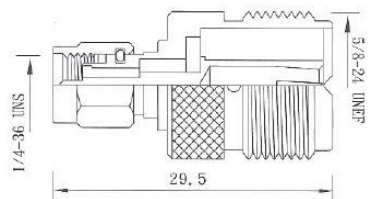
**SB399CU-XGGT50**  
SMB FEMALE TO  
SMA FEMALE



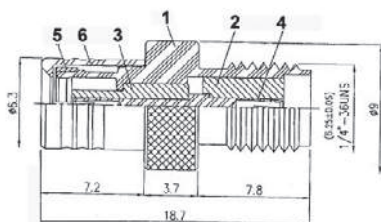
**T260CU-XNGT50**  
TNC FEMALE TO SMA MALE



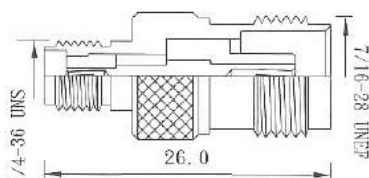
**U523CU-XNGT50**  
UHF FEMALE TO SMA MALE



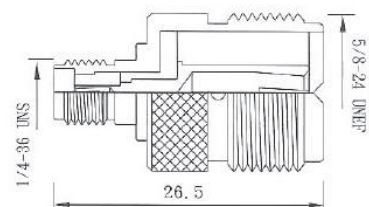
**SB400CU-XGGT50**  
SMB MALE TO  
SMA FEMALE



**T262CU-XNGT50**  
TNC FEMALE TO SMA FEMALE



**U525CU-XNGT50**  
UHF FEMALE TO SMA FEMALE





## SMB SERIES CONNECTORS & ADAPTORS

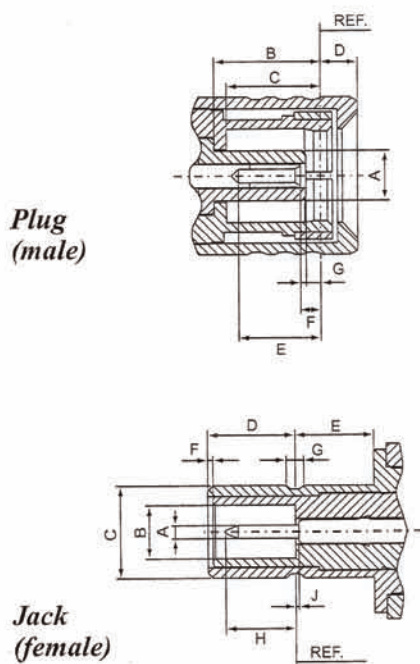
### 50 Ohm 0-4GHz

The SMB subminiature coaxial connectors are semi-precision and provide repeatable electrical performance to 4GHz with 50-Ohm impedance.

Its smaller physical size and snap-on coupling make the SMB as an ideal generally purpose connector where packaging density, easy of connecting and disconnecting and economy are prerequisites.

The SMB connectors are applications for telecommunications, test equipment, instrumentation and GPS.

### Interface Dimensions:



	Plug		Jack	
	min.	max.	min.	max.
A	-	2.06/.081	0.48/.019	0.53/.021
B	3.58/.141	-	2.08/.082	-
C	3.58/.141	-	3.66/.144	3.71/.146
D	-	1.63/.064	3.33/.131	3.58/.141
E	2.97/.117	-	1.65/.065	-
F	0.18/.007	0.94/.037	0.00/.000	-
G	0.18/.007	-	0.69/.027	0.94/.037
H	-	-	-	2.97/.117
J	-	-	-	0.18/.007

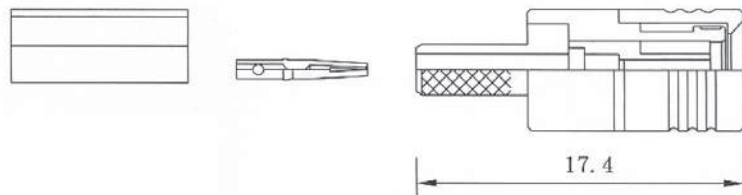
### Electrical:

Impedance	50 ohm / 75 ohm
Frequency Range	0 to 4.0 GHz
VSWR	RG-178U → 1.3+0.04 f max GHz (Straight) 1.45+0.06 f max GHz (Right angle)
	RG-316U → 1.25+0.04 f max GHz (Straight) 1.35+0.04 f max GHz (Right angle)
Insertion Loss	0.3dB max @ 1.5GHz (Straight)
	0.6dB max @ 1.5GHz (Right angle)

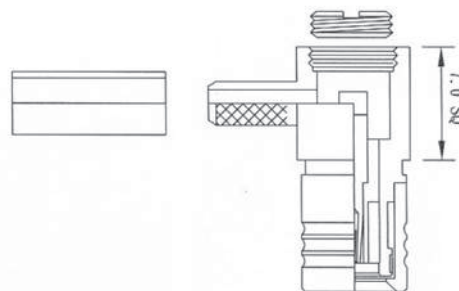


## SMB PLUG CRIMP TYPE

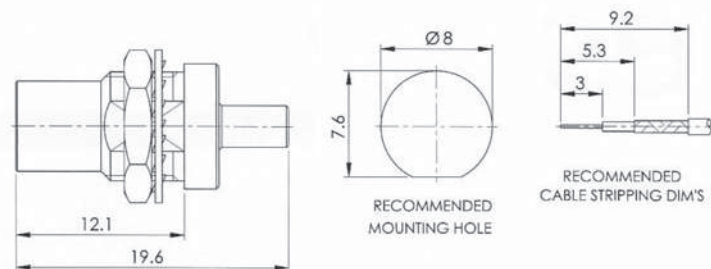
### SB360CU-\*GGT50 SMB PLUG CRIMP TYPE



### SB362CU-\*GGT50 SMB PLUG CRIMP RIGHT ANGLE TYPE



### SB415CU-13GGT50 SMB PLUG CRIMP TYPE FOR 1.13MM, 1.32MM CABLE



## ORDERING INFORMATION:

P/N SBxxx CU - x G G T 50

2                      3                      4 5 6 7 8

2. CONNECTOR CODE :

SB360, SB362, SB415

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"L" RG174/U, RG316/U

"V6" RG316/U DOUBLE BRAID

"13" 1.13MM & 1.32MM

"M" RG178/U, RG196/U

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

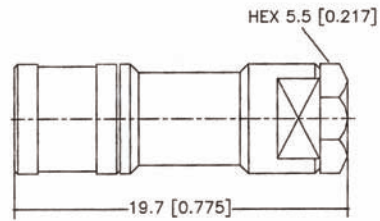
8. IMPEDANCE:

"50" 50 OHMS

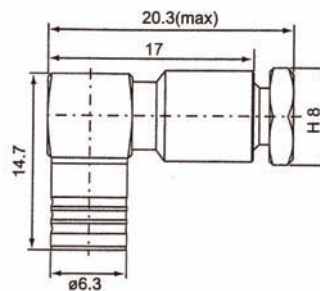
\*SEE PAGE H0002 FOR THE OTHERS!

## SMB PLUG CLAMP TYPE

### SB316CU-\*GGT50 SMB PLUG CLAMP TYPE



### SB326CU-\*GGT50 SMB PLUG RIGHT ANGLE CLAMP TYPE



## ORDERING INFORMATION:

P/N SBxxx CU - x G G T xx

2                      3                      4 5 6 7 8

2. CONNECTOR CODE :

SB316, SB326

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"L" RG174/U, RG316/U (50Ω)

"M" RG178/U, RG196/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

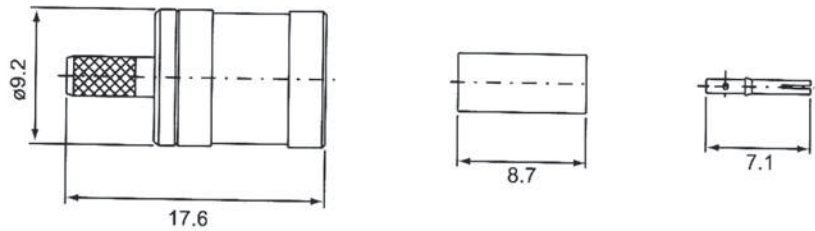
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## 75 OHM SMB PLUG/JACK CRIMP TYPE

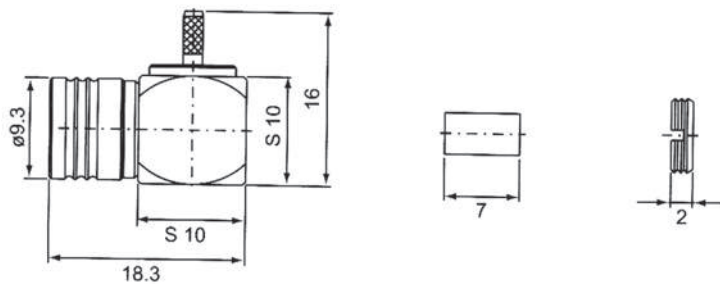
### SB601CU-\*GGT75

SMB PLUG CRIMP TYPE  
75 OHMS ONLY



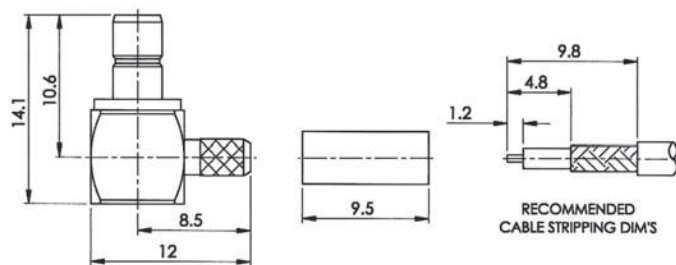
### SB602CU-\*GGT75

SMB PLUG CRIMP  
RIGHT ANGLE TYPE 75  
OHMS ONLY



### SB617CU-NGGT75

SMB JACK CRIMP RIGHT  
ANGLE TYPE FOR RG179/U  
CABLE



## ORDERING INFORMATION:

P/N SBxxx CU - xGGT75

2                      3                      4 5 6 7 8

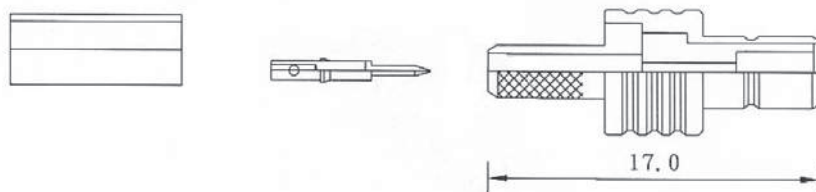
2. CONNECTOR CODE :  
SB601, SB602, SB617
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"G" RG59/U, RG62/U  
"L" RG174/U, RG316/U  
"M" RG178/U, RG196/U  
"N" RG179/U, RG187/U

5. BODY FINISH:  
"G" GOLD PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"75" 75 OHMS

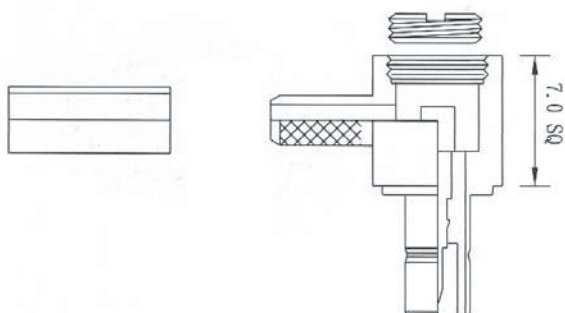
\*SEE PAGE H0002 FOR THE OTHERS!

## SMB JACK CRIMP TYPE (1)

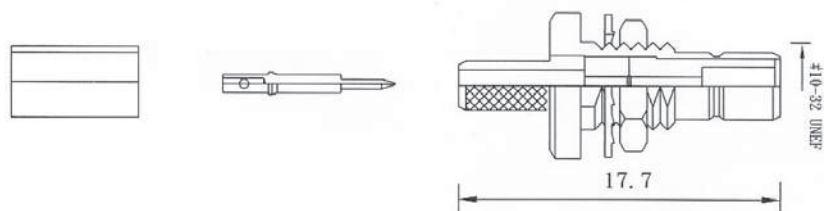
### SB361CU-\*GGT50 SMB JACK CRIMP TYPE



### SB363CU-\*GGT50 SMB JACK CRIMP RIGHT ANGLE TYPE



### SB379CU-\*GGT50 SMB JACK BULKHEAD CRIMP TYPE



## ORDERING INFORMATION:

P/N SBxxx CU - x G G T 50

2                      3                      4 5 6 7 8

2. CONNECTOR CODE :

SB361, SB363, SB379

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"L" RG174/U, RG316/U

"V6" RG316/U DOUBLE BRAID

"M" RG178/U, RG196/U

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

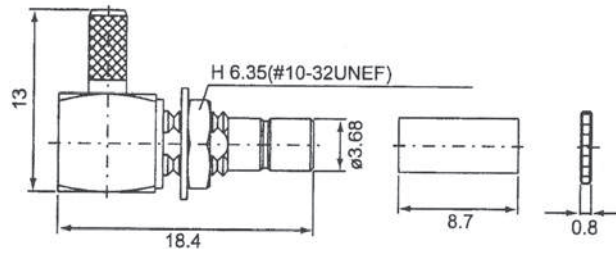
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## SMB JACK CRIMP TYPE (2)

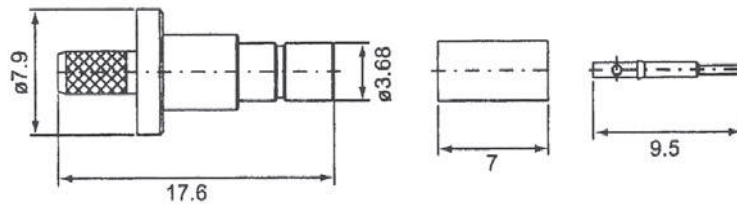
### SB328CU-\*GGT\*\*

SMB JACK RIGHT ANGLE  
CRIMP BULKHEAD TYPE



### SB356CU-\*GGT\*\*

SMB JACK STRAIGHT  
CRIMP BULKHEAD  
TYPE



## ORDERING INFORMATION:

P/N SBxxx CU - x G G T xx

2                      3                      4 5 6 7 8

2. CONNECTOR CODE :

SB328, SB356

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"L" RG174/U, RG316/U (50Ω)

"M" RG178/U, RG196/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

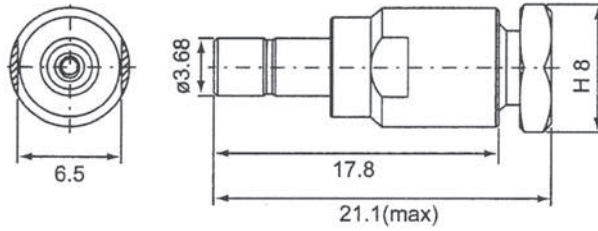
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

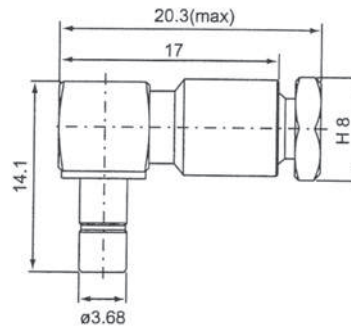


## SMB JACK CLAMP TYPE

### SB329CU-\*GGT\*\* SMB JACK CLAMP TYPE



### SB327CU-\*GGT\*\* SMB JACK RIGHT ANGLE CLAMP TYPE



## ORDERING INFORMATION:

P/N SBxxx CU - x G G T xx

2                    3                    4 5 6 7 8

2. CONNECTOR CODE :

SB329, SB327

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"L" RG174/U, RG316/U (50Ω)

"M" RG178/U, RG196/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

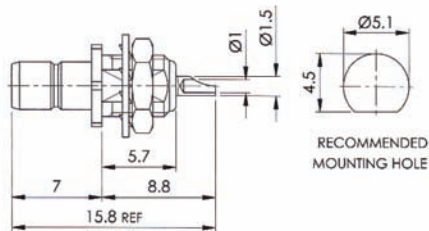
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## SMB JACK SOLDER TYPE

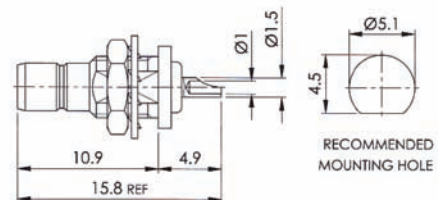
### SB418CU-XGGT50

SMB JACK REAR MOUNT SOLDER BULKHEAD TYPE



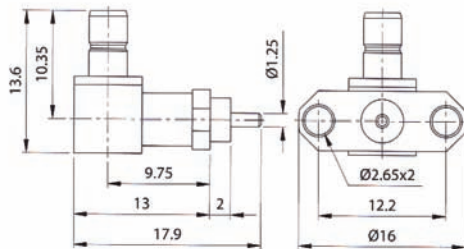
### SB419CU-XGGT50

SMB JACK FRONT MOUNT SOLDER BULKHEAD TYPE



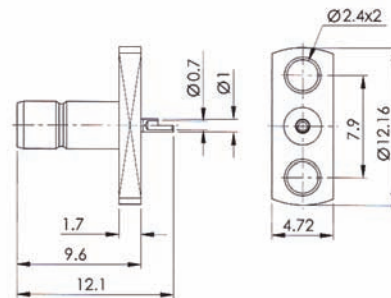
### SB417CU-XGGT50

SMB JACK RIGHT ANGLE PANEL MOUNT TYPE



### SB420CU-XGGT50

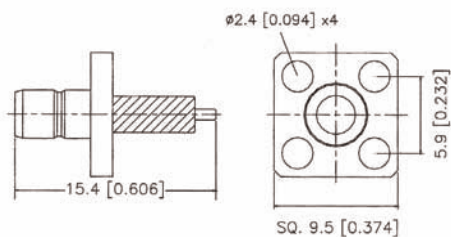
SMB JACK PANEL MOUNT TYPE



### SB320CU-XGGT50

### SB320CU-XGGT75

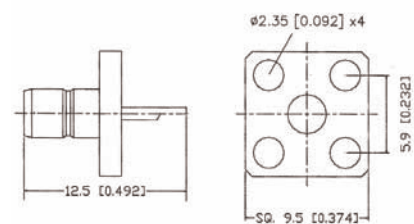
SMB JACK 4 HOLE FLANGE WITH EXPOSED TEFLON  
PANEL MOUNT TYPE



### SB321CU-XGGT50

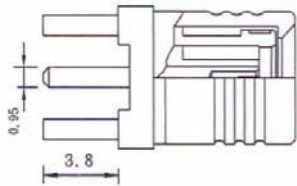
### SB321CU-XGGT75

SMB JACK PANEL MOUNT WITH 4 HOLE FLANGE

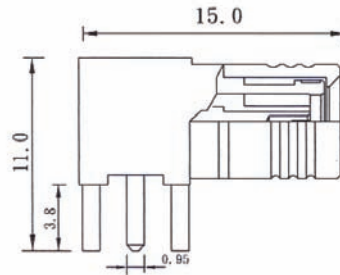


## SMB PLUG PCB MOUNT TYPE & BULKHEAD SOLDER TYPE

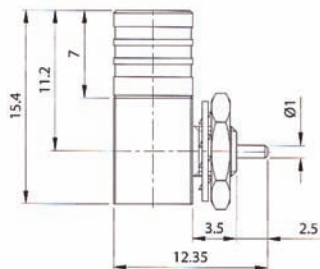
**SB402CU-XGGT50**  
**SB402CU-XGGT75**  
 SMB PCB MOUNT PLUG



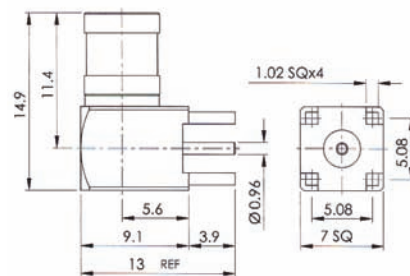
**SB403CU-XGGT50**  
**SB403CU-XGGT75**  
 SMB PCB MOUNT PLUG RIGHT ANGLE TYPE



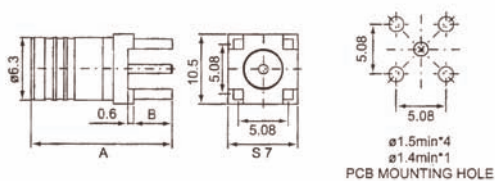
**SB421CU-XGGT50**  
 SMB PLUG RIGHT ANGLE BULKHEAD SOLDER TYPE



**SB406CU-XGGT50**  
 SMB PLUG WITH 4 LEGS R/A PCB MOUNT TYPE

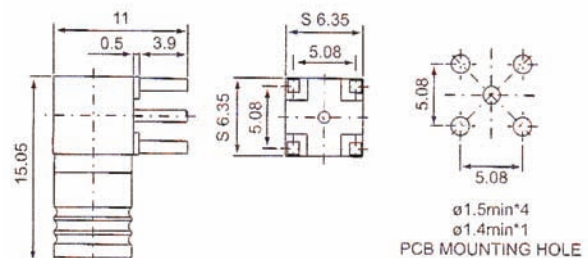


**SB317CU-XGGT\*\***  
**SB354CU-XGGT\*\***  
 SMB PLUG STRAIGHT PCB MOUNT TYPE  
 \*\*=50 & 75 (OHMS)



PART NO.	A	B
SB317CU	13.1	3.9
SB354CU	14.2	3.9

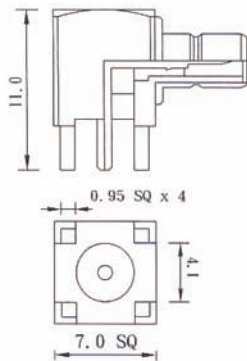
**SB369CU-XGGT50**  
**SB369CU-XGGT75**  
 SMB PLUG RIGHT ANGLE PCB MOUNT TYPE



## SMB JACK PCB MOUNT TYPE (1)

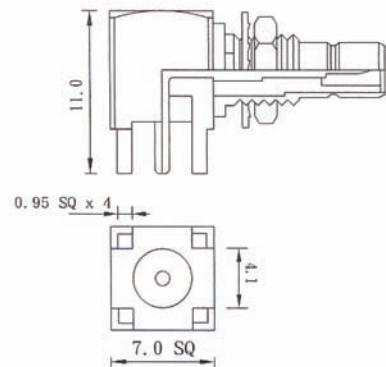
### SB394CU-XGGT50 SB394CU-XGGT75

SMB PCB MOUNT JACK RIGHT ANGLE TYPE



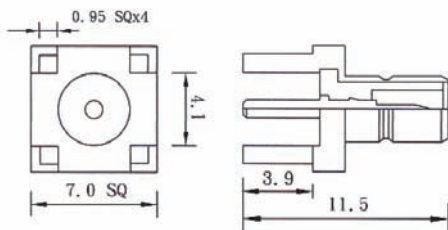
### SB404CU-XGGT50 SB404CU-XGGT75

SMB PCB MOUNT JACK RIGHT ANGLE BULKHEAD TYPE WITH NUT & WASHER



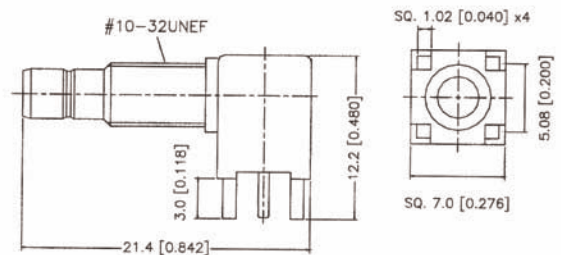
### SB359CU-XGGT50 SB359CU-XGGT75

SMB JACK WITH 4 LEGS PCB MOUNT TYPE



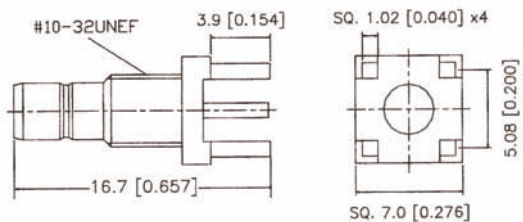
### SB325CU-XGGT50 SB325CU-XGGT75

SMB JACK WITH 4 LEGS RIGHT ANGLE BULKHEAD PCB MOUNT TYPE



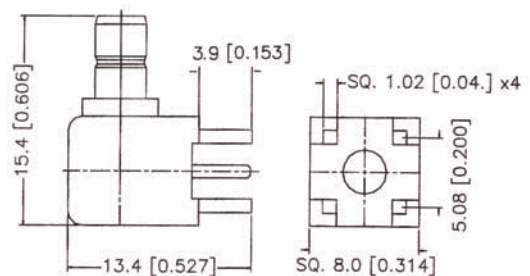
### SB323CU-XGGT50 SB323CU-XGGT75

SMB JACK WITH 4 LEGS BULKHEAD PCB MOUNT TYPE



### SB313CU-XGGT50 SB313CU-XGGT75

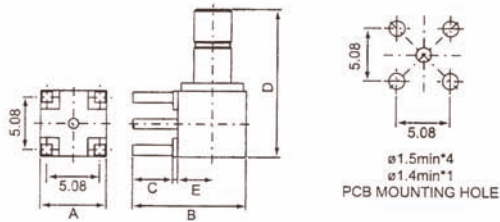
SMB JACK WITH 4 LEGS R/A PCB MOUNT TYPE



## SMB JACK PCB MOUNT TYPE (2)

**SB341CU-XGGT\*\***  
**SB342CU-XGGT\*\***  
**SB343CU-XGGT\*\***  
**SB344CU-XGGT\*\***  
**SB345CU-XGGT\*\***  
**SB346CU-XGGT\*\***

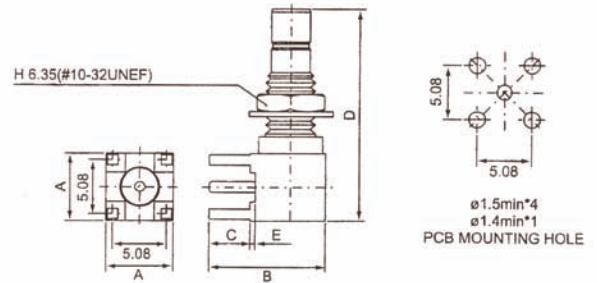
SMB JACK RIGHT ANGLE PCB MOUNT TYPE  
 \*\*=50 & 75 (OHMS)



PART NO.	A	B	C	D	E
SB341CU	6.35	11	3.9	14.25	0.5
SB342CU	6.3	11	2.25	14.2	0.5
SB343CU	6.35	9.2	2.1	14.25	0.5
SB344CU	6.5	10.5	3.4	12.9	0.7
SB345CU	6.35	10.3	2.8	12.7	0.5
SB346CU	6.35	11.1	4	12.8	0.7

**SB336CU-XGGT\*\***  
**SB337CU-XGGT\*\***  
**SB338CU-XGGT\*\***

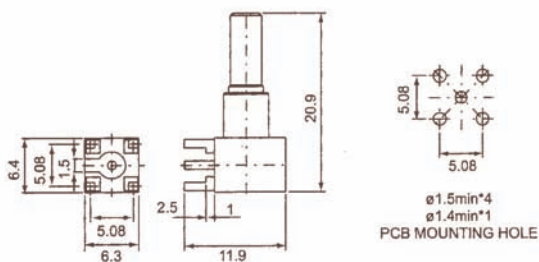
SMB JACK RIGHT ANGLE PCB MOUNT TYPE  
 \*\*=50 & 75 (OHMS)



PART NO.	A	B	C	D	E
SB336CU	6.35	11	3.9	19.9	0.5
SB337CU	7.92	11.61	3.94	20.62	0.51
SB338CU	6.5	11.61	3.94	19.2	0.51

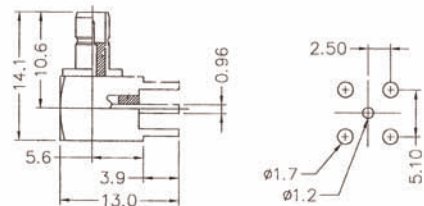
**SB339CU-XGGT50**  
**SB339CU-XGGT75**

SMB JACK RIGHT ANGLE PCB MOUNT TYPE



**SB357CU-XGGT50**  
**SB357CU-XGGT75**

SMB JACK RIGHT ANGLE PCB MOUNT TYPE

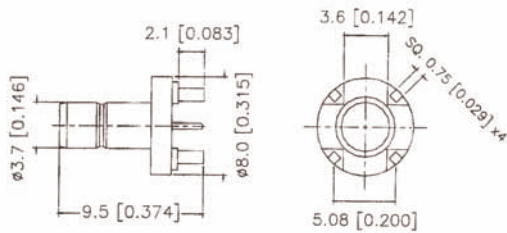




### SMB JACK PCB MOUNT TYPE (3)

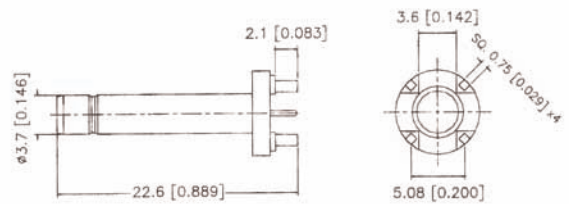
#### SB304CU-XGGT50 SB304CU-XGGT75

SMB JACK WITH 4 LEGS PCB MOUNT TYPE



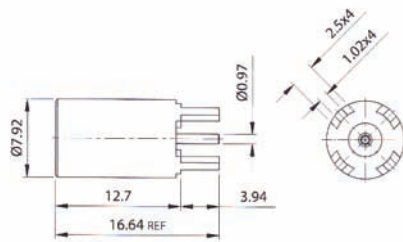
#### SB305CU-XGGT50 SB305CU-XGGT75

SMB JACK WITH 4 LEGS PCB MOUNT TYPE



#### SB416CU-XGGT50

SMB JACK STRAIGHT PCB MOUNT TYPE

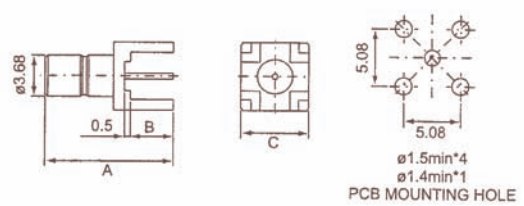


#### SB330CU-XGGT\*\*

#### SB331CU-XGGT\*\*

SMB JACK STRAIGHT PCB MOUNT TYPE

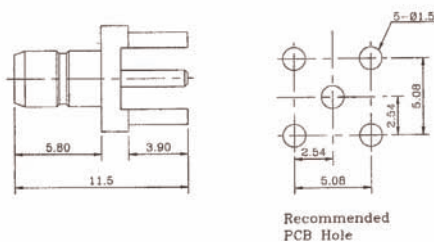
\*\*=50 & 75 (OHMS)



PART NO.	A	B	C
SB330CU	11.4	3.9	6.35
SB331CU	11.4	3.9	6

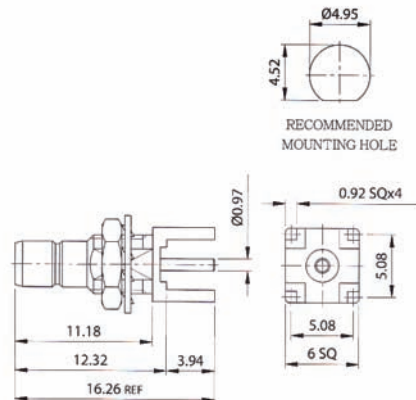
#### SB370CU-XGGT50 SB370CU-XGGT75

SMB PCB MOUNT JACK



#### SB405CU-XGGT50

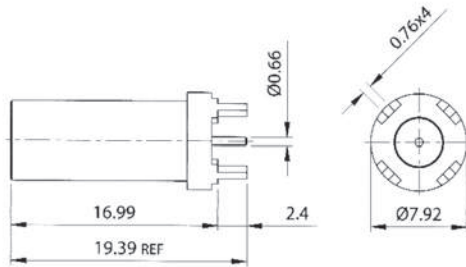
SMB JACK BULKHEAD PCB MOUNT TYPE



# SMB JACK/PLUG PCB MOUNT TYPE & ADAPTOR 75 OHMS (4)

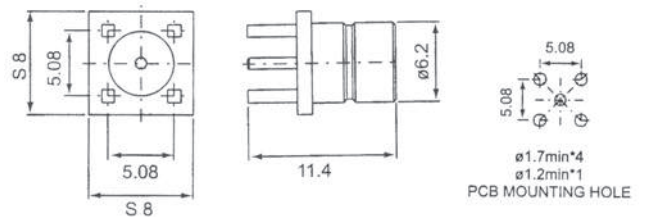
## SB618CU-XGGT75

SMB PLUG PCB MOUNT TYPE



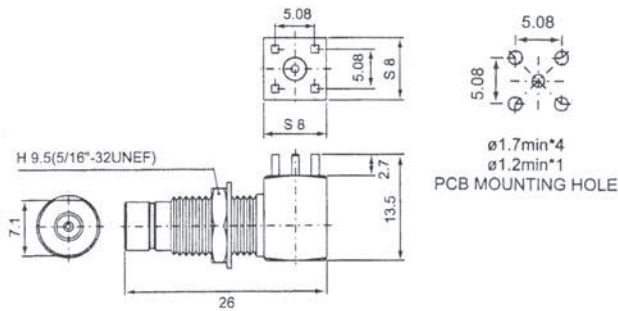
## SB603CU-XGGT75

SMB JACK PCB MOUNT TYPE



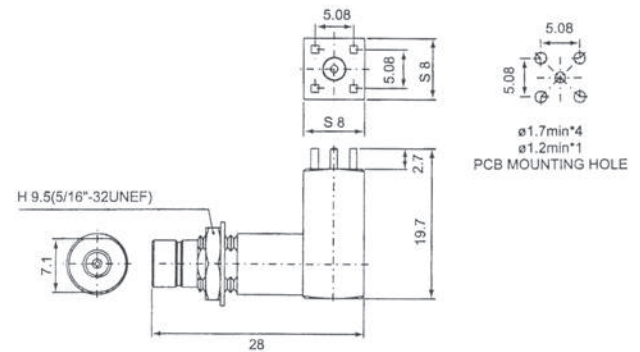
## SB605CU-XGGT75

SMB JACK R/A SOLDER PCB MOUNT TYPE



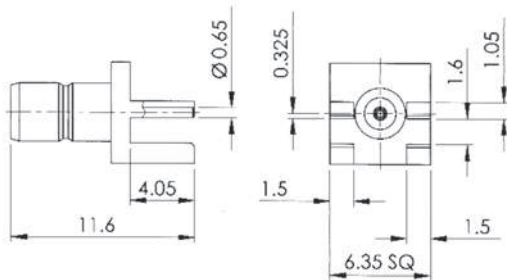
## SB606CU-XGGT75

SMB JACK R/A SOLDER PCB MOUNT TYPE



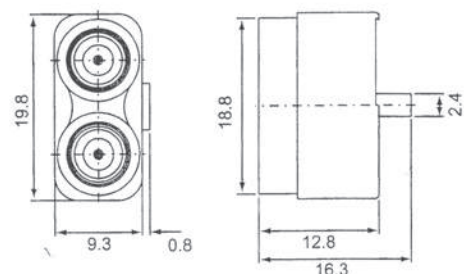
## SB619CU-XGGT75

SMB JACK END LAUNCH TYPE



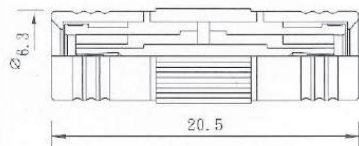
## SB607ZN-XGGT75

SMB U-LINK PLUG TO PLUG ADAPTOR

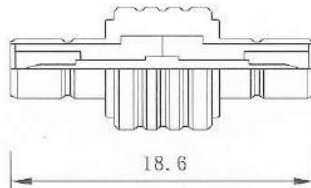


## SMB TO OTHER & IN-SERIES ADAPTORS

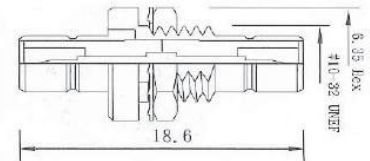
**SB364CU-XGGT50**  
**SB364CU-XGGT75**  
 SMB MALE TO  
 SMB MALE



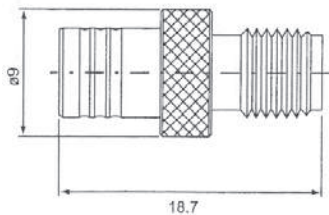
**SB365CU-XGGT50**  
**SB365CU-XGGT75**  
 SMB FEMALE TO  
 SMB FEMALE



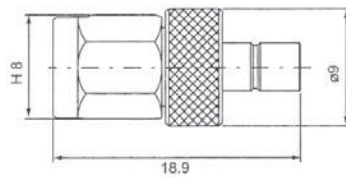
**SB390CU-XGGT50**  
**SB390CU-XGGT75**  
 SMB FEMALE TO  
 SMB FEMALE  
 BULKHEAD TYPE



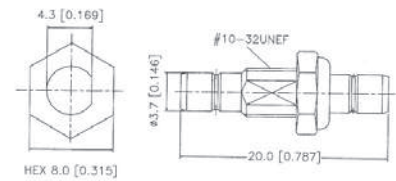
**SB351CU-XGGT50**  
**SB351CU-XGGT75**  
 SMB MALE TO SMA FEMALE



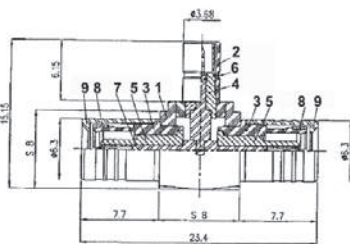
**SB352CU-XGGT50**  
**SB352CU-XGGT75**  
 SMB FEMALE TO  
 SMA MALE



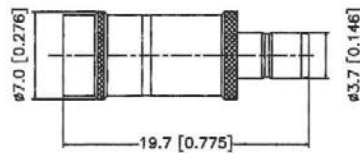
**SB312CU-XGGT50**  
**SB312CU-XGGT75**  
 SMB FEMALE TO  
 SMB FEMALE  
 BULKHEAD TYPE



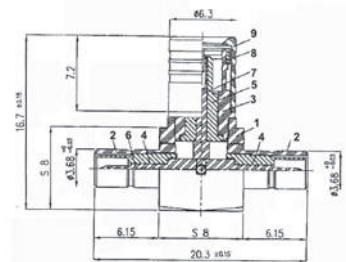
**SB395CU-XGGT50**  
**SB395CU-XGGT75**  
 SMB FEMALE TO  
 SMB DOUBLE MALE



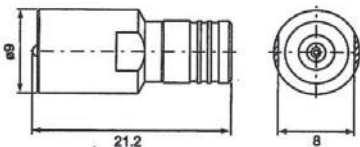
**SB306CU-XGGT50**  
**SB306CU-XGGT75**  
 SMB MALE TO  
 SMB FEMALE



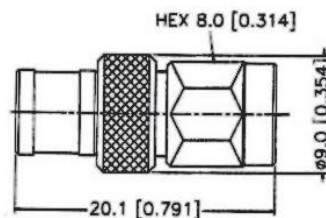
**SB396CU-XGGT50**  
**SB396CU-XGGT75**  
 SMB MALE TO  
 SMB DOUBLE FEMALE



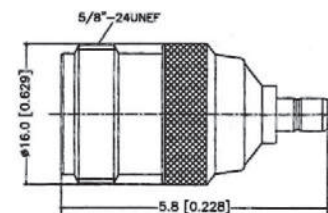
**SB350CU-XGGT50**  
 SMB MALE TO FME MALE



**SB368CU-XGGT50**  
 SMB MALE TO  
 SMA MALE



**SB366CU-XGGT50**  
 SMB FEMALE TO  
 N FEMALE



## SMC SERIES CONNECTORS & ADAPTORS

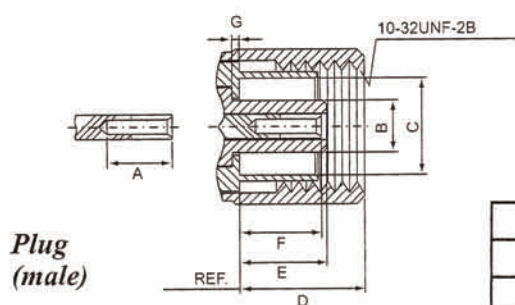
### 50 Ohm 0-4GHz/75 Ohm

SMC connectors are the same to the SMB in general size and performance, the main feature threaded couplings rather than snap-on types.

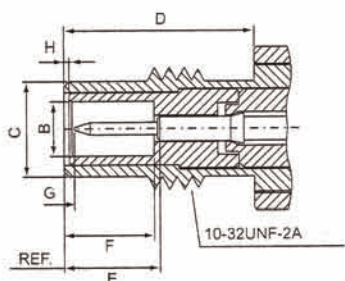
It's small size, reliable performance and economy make the SMC an excellent consideration where packaging density is a must.

The threaded coupling ensures peak performance in applications where vibration or shock maybe a designed consideration.

### Interface Dimensions:



Plug  
(male)



Jack  
(female)

	Plug		Jack	
	min.	max.	min.	max.
A	2.79/.10	-	0.48/.019	0.53/.021
B	-	2.60/.081	2.08/.082	-
C	3.73/.147	-	-	3.71/.146
D	-	5.92/.233	5.94/.234	-
E	-	3.40/.134	3.40/.134	-
F	2.85/.112	3.40/.134	3.40/.134	-
G	0.00/.000	-	0.61/.024	-
H	-	-	0.00/.000	-

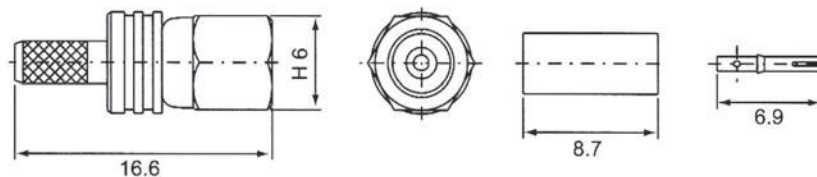
### Electrical:

Impedance	50 ohm / 75 ohm
Frequency Range	0 to 10.0 GHz
VSWR	RG-178U → 1.25+0.04 f max GHz (Straight) 1.4+0.06 f max GHz (Right angle)
	RG-316U → 1.2+0.04 f max GHz (Straight) 1.3+0.04 f max GHz (Right angle)
Insertion Loss	0.25dB max @ 4GHz (Straight)
	0.6dB max @ 4GHz (Right angle)

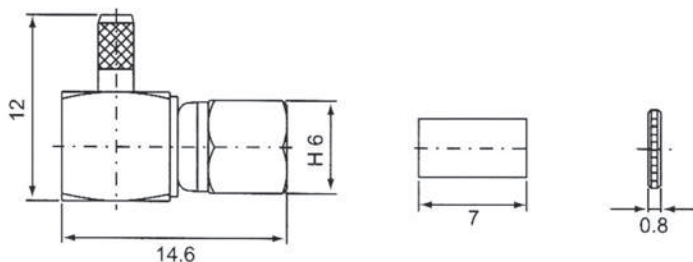


## SMC PLUG CRIMP TYPE

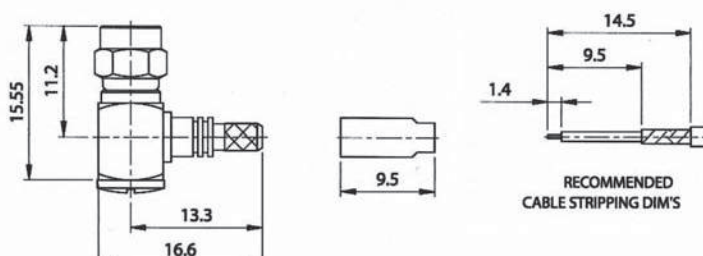
### SC201CU-\*GGT\*\* SMC PLUG CRIMP TYPE



### SC203CU-\*GGT\*\* SMC PLUG CRIMP RIGHT ANGLE TYPE



### SC231CU-MGGT50 SMC PLUG R/A CRIMP TYPE FOR RG178/U, RG196/U CABLE



## ORDERING INFORMATION:

P/N S C x x x C U - x G G T x x

2                      3                      4 5 6 7 8

2. CONNECTOR CODE :

SC201, SC203, SC231

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"L" RG174/U, RG316/U (50Ω)

"M" RG178/U, RG196/U (50Ω)

"V6" RG316/U DOUBLE BRAID (50Ω)

"N" RG179/U, RG187/U (75Ω)

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

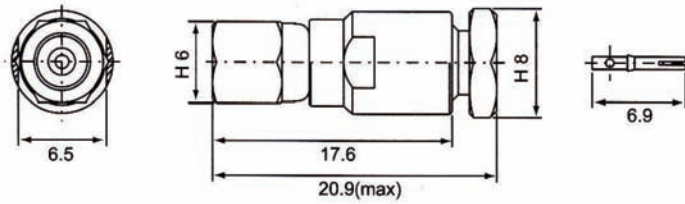
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

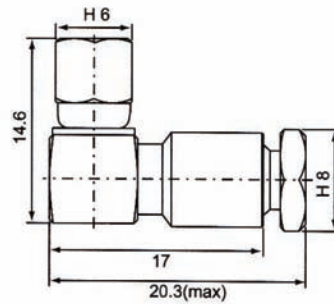


## SMC PLUG CLAMP TYPE

### SC206CU-\*GGT\*\* SMC PLUG STRAIGHT CLAMP TYPE



### SC207CU-\*GGT\*\* SMC PLUG RIGHT ANGLE CLAMP TYPE



## ORDERING INFORMATION:

P/N  $\frac{S}{2} \frac{C}{3} \frac{xxx}{4} \frac{CU}{5} - \frac{x}{6} \frac{G}{7} \frac{G}{8} \frac{T}{9} \frac{xx}{10}$

2. CONNECTOR CODE :

SC206, SC207

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"L" RG174/U, RG316/U (50Ω)

"M" RG178/U, RG196/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

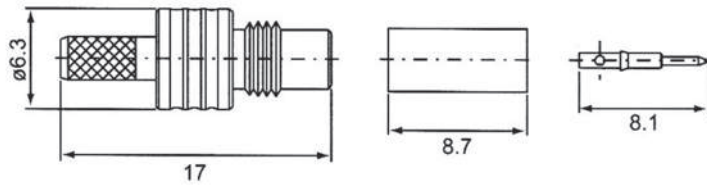
"50" 50 OHMS

"75" 75 OHMS

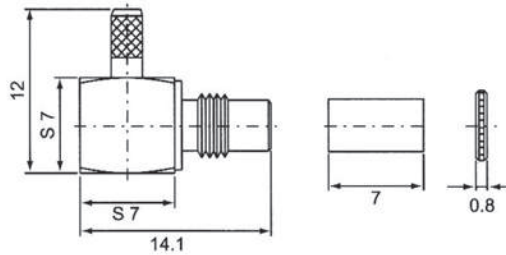
\*SEE PAGE H0002 FOR THE OTHERS!

## SMC JACK CRIMP TYPE

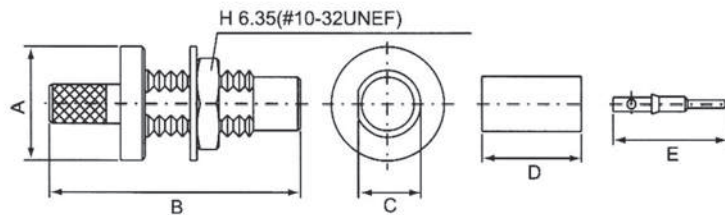
### SC202CU-\*GGT\*\* SMC JACK CRIMP TYPE



### SC204CU-\*GGT\*\* SMC JACK CRIMP RIGHT ANGLE TYPE



### SC205CU-\*GGT\*\* SMC JACK CRIMP BULKHEAD TYPE



## ORDERING INFORMATION:

P/N S C x x x C U - x G G T x x

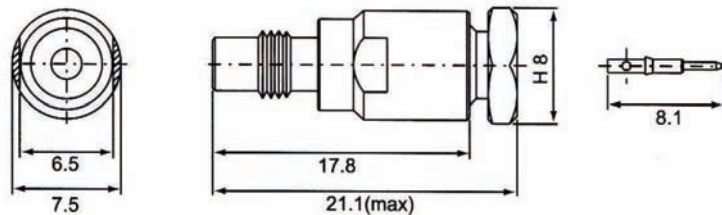
2                      3                      4 5 6 7 8

- |   |   |
|---|---|
| <p>2. CONNECTOR CODE :<br/>SC202, SC204, SC205</p> <p>3. BODY MATERIAL:<br/>"CU" BRASS</p> <p>4. CABLE GROUP CODE:<br/>"L" RG174/U, RG316/U (50Ω)<br/>"M" RG178/U, RG196/U (50Ω)<br/>"V6" RG316/U DOUBLE BRAID (50Ω)<br/>"N" RG179/U, RG187/U (75Ω)</p> | <p>5. BODY FINISH:<br/>"G" GOLD PLATED</p> <p>6. CENTER PIN FINISH:<br/>"G" GOLD PLATED</p> <p>7. INSULATION:<br/>"T" TEFLON</p> <p>8. IMPEDANCE:<br/>"50" 50 OHMS<br/>"75" 75 OHMS</p> |
|---|---|

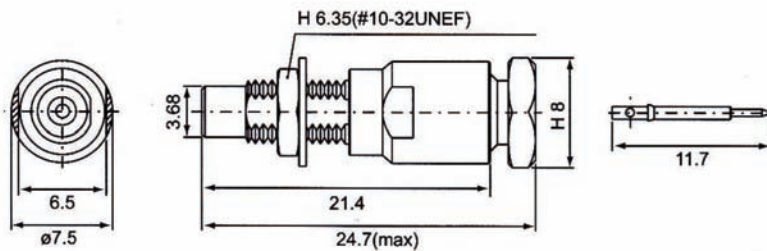
\*SEE PAGE H0002 FOR THE OTHERS!

## SMC JACK CLAMP TYPE

**SC208CU-LGGT50**  
SMC JACK CLAMP TYPE  
FOR RG174/U, RG316/U  
CABLE



**SC209CU-LGGT50**  
SMC JACK BULKHEAD  
CLAMP TYPE FOR  
RG174/U, RG316/U  
CABLE



### ORDERING INFORMATION:

P/N S C x x x C U - x G G T x x  
2 3 4 5 6 7 8

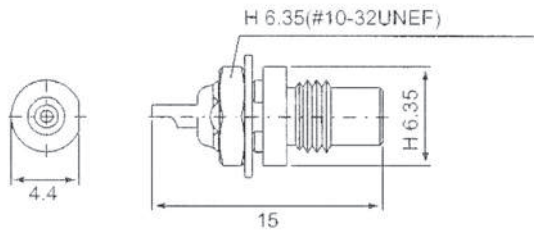
2. CONNECTOR CODE :  
SC208, SC209
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"L" RG174/U, RG316/U

5. BODY FINISH:  
"G" GOLD PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

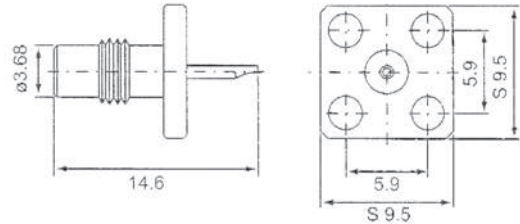
\*SEE PAGE H0002 FOR THE OTHERS!

## SMC JACK/PLUG SOLDER TYPE

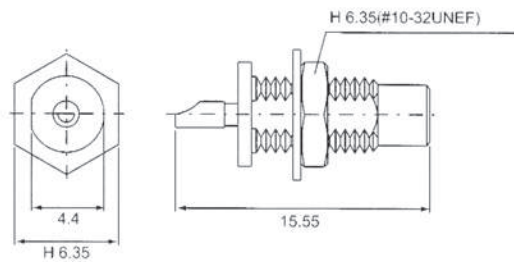
**SC211CU-XGGT50**  
**SC211CU-XGGT75**  
 SMC JACK REAR MOUNT BULKHEAD SOLDER TYPE



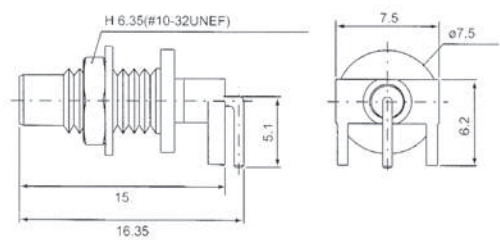
**SC212CU-XGGT50**  
**SC212CU-XGGT75**  
 SMC JACK SOLDER PANEL MOUNT TYPE



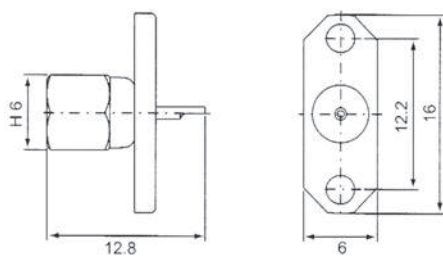
**SC223CU-XGGT50**  
**SC223CU-XGGT75**  
 SMC JACK FRONT MOUNT BULKHEAD SOLDER TYPE



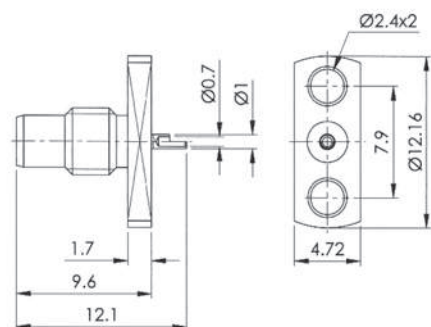
**SC222CU-XGGT50**  
**SC222CU-XGGT75**  
 SMC JACK RIGHT ANGLE SOLDER BULKHEAD TYPE



**SC210CU-XGGT50**  
**SC210CU-XGGT75**  
 SMC PLUG SOLDER PANEL MOUNT TYPE WITH NARROW FLANGE



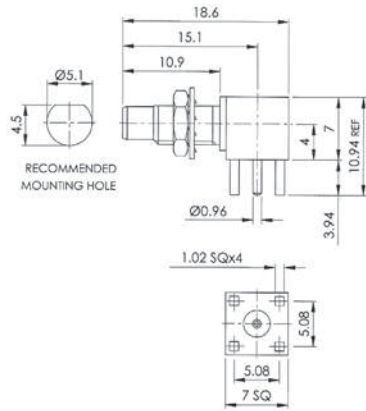
**SC232CU-XGGT50**  
 SMC JACK SOLDER PANEL MOUNT TYPE WITH NARROW FLANGE



# SMC JACK PCB MOUNT TYPE & SOLDER TYPE

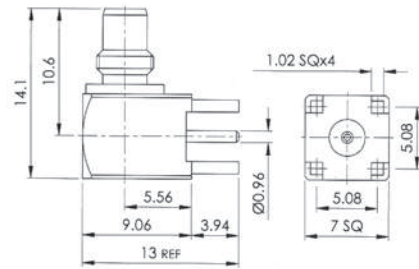
## SC233CU-XGGT50

SMC JACK RIGHT ANGLE PCB MOUNT TYPE



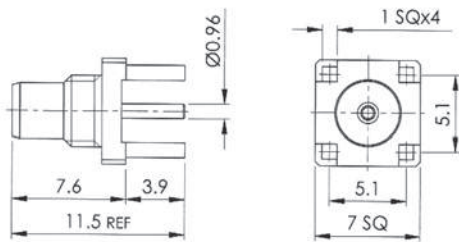
## SC234CU-XGGT50

SMC JACK RIGHT ANGLE PCB MOUNT TYPE



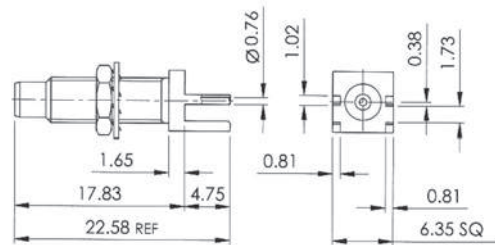
## SC235CU-XGGT50

SMC JACK STRAIGHT PCB MOUNT TYPE



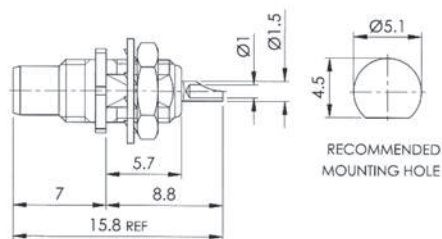
## SC236CU-XGGT50

SMC JACK END LAUNCH TYPE



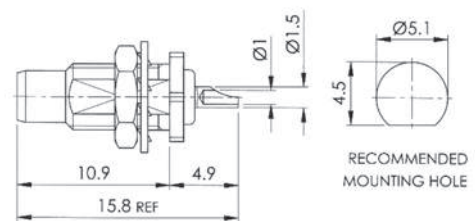
## SC237CU-XGGT50

SMC JACK REAR MOUNT BULKHEAD SOLDER TYPE



## SC238CU-XGGT50

SMC JACK FRONT MOUNT BULKHEAD SOLDER TYPE

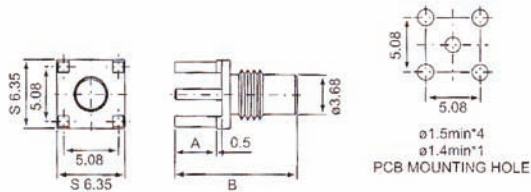




## SMC JACK/PLUG PCB MOUNT TYPE

### SC214CU-XGGT50 SC214CU-XGGT75

SMC JACK STRAIGHT PCB MOUNT TYPE

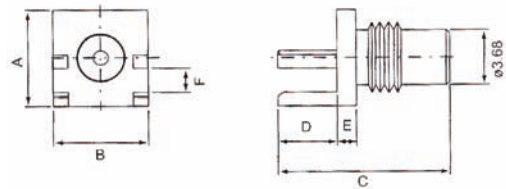


PART NO.	A	B
SC214CU	3.9	11.4

### SC215CU-XGGT\*\* SC216CU-XGGT\*\* SC217CU-XGGT\*\*

SMC JACK STRAIGHT PCB MOUNT TYPE

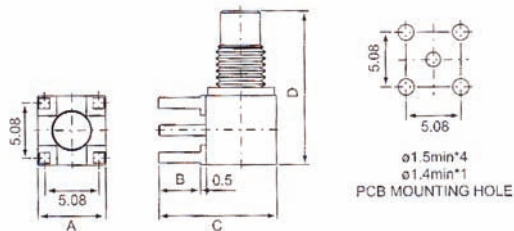
\*\*=50 & 75 (OHMS)



PART NO.	A	B	C	D	E	F
SC215CU	6.35	6.35	11.4	3.9	1.3	
SC216CU	7.9	9.5	14.25	4.75	1.65	1.73
SC217CU	7.9	9.5	14.25	4.75	1.65	1.22

### SC218CU-XGGT\*\* SC219CU-XGGT\*\*

SMC JACK R/A PCB MOUNT TYPE



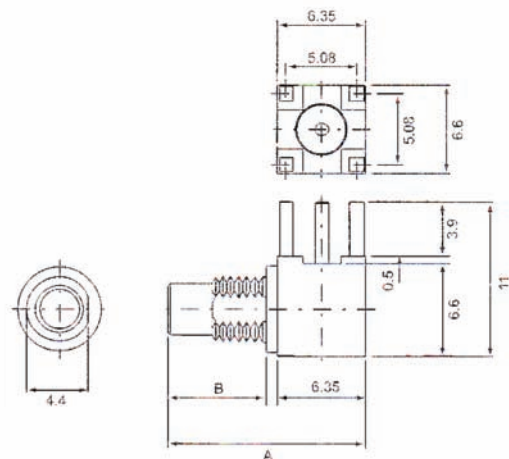
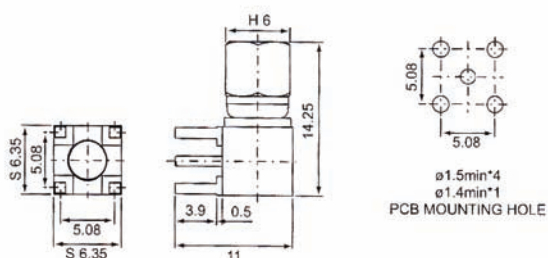
PART NO.	A	B	C	D
SC218CU	6.35	3.9	11	14.25
SU219CU	6.3	2.25	11	14.2

### SC220CU-XGGT\*\* SC221CU-XGGT\*\*

SMC JACK RIGHT ANGLE PCB MOUNT TYPE

### SC213CU-XGGT50 SC213CU-XGGT75

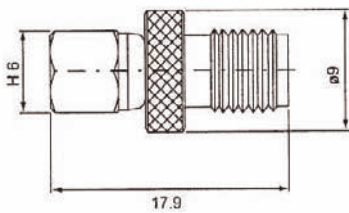
SMC PLUG RIGHT ANGLE PCB MOUNT TYPE



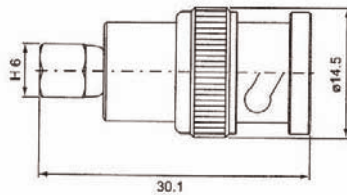
PART NO.	A	B
SC220CU	14.25	7.1
SC221CU	17.35	10.2

## SMC TO SMA/BNC ADAPTORS

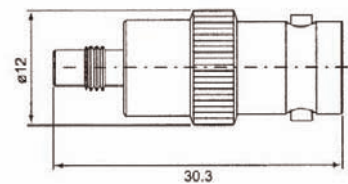
**SC227CU-XGGT50**  
**SC227CU-XGGT75**  
 SMC MALE TO  
 SMA FEMALE



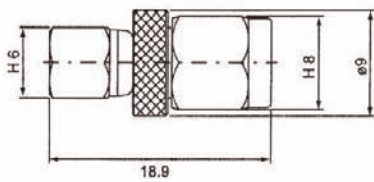
**SC224CU-XGGT50**  
**SC224CU-XGGT75**  
 SMC MALE TO BNC MALE



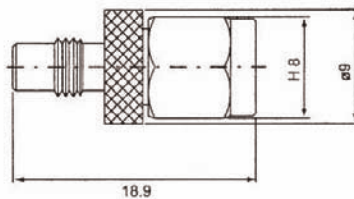
**SC225CU-XGGT50**  
**SC225CU-XGGT75**  
 SMC FEMALE TO  
 BNC FEMALE



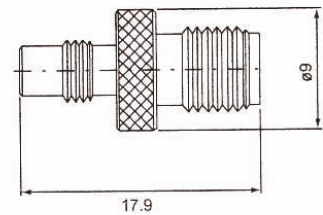
**SC226CU-XGGT50**  
**SC226CU-XGGT75**  
 SMC MALE TO SMA MALE



**T228CU-XGGT50**  
**T228CU-XGGT75**  
 SMC FEMALE TO  
 SMA MALE



**SC229CU-XGGT50**  
**SC229CU-XGGT75**  
 SMC FEMALE TO  
 SMA FEMALE



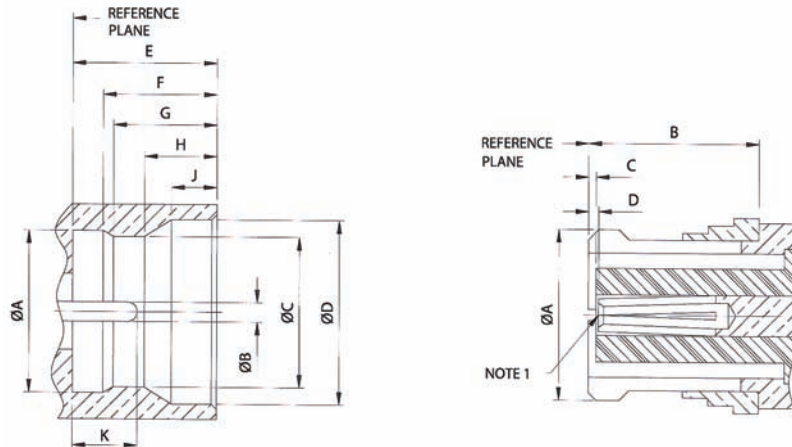
## SMP SERIES CONNECTORS & ADAPTORS

These SMP connectors are ideal for board to board interconnections by joining plugs on different boards with a jack-to-jack adaptor in between.

SMP interface provides three different levels of retention force: full detent, limited detent, and smooth bore.

Full detent is often used for connections with highest retention, limited detent is only for retaining the bullet, and smooth bore is for the lowest retention.

### INTERFACE MATING DIMENSIONS



### SPECIFICATIONS

Electrical		
Impedance		50 ohm
Frequency	Bullet Adapter(6.45mm Length)	0 - 40 GHz
	Semi-Rigid Straight Connectors	
	All Other In-Series Adaptors, End Launch	0 - 18 GHz
	Semi-Rigid Right Angle Connectors	
	PCB Mount	0 - 12 GHz
Working Voltage		335 VRMS
Dielectric Withstanding Voltage		500 VRMS
VSWR	Bullet Adapter(6.45mm Length)	1.3 Max. 0 - 26.5 GHz
		1.5 Max. 26.5 - 40 GHz
	Semi-Rigid Straight Connectors	1.2 Max. 0 - 18 GHz
		1.35 Max. 18 - 26.5 GHz
	All Other In-Series Adaptors	1.7 Max. 26.5 - 40 GHz
		1.1 Max. 0 - 4 GHz
Semi-Rigid Right Angle Connectors	1.15 Max. 4 - 12 GHz	
	1.2 Max. 12 - 18 GHz	
Contact Resistance	Center Contact	6 Milliohms max.
	Outer Contact	2 Milliohms max.
Insulator Resistance		5000 Megohms min.
Insertion loss	In-Series Adaptors	0.1√F dB max. / 10 GHz

Material		
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Gold 3 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Gold 30 micro-inches
	Female: Beryllium copper per QQ-C-530	Gold 30 micro-inches
Insulators	Teflon	None
Crimp Ferrules	Annealed Brass	Gold 3 micro-inches

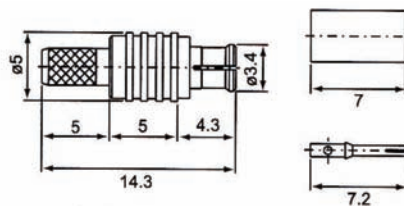
NOTE: Other Material/Finish is Available on Request.

Mechanical & Environmental	
Engagement Force	Full Detent : 68 N max. Limited Detent : 45 N max. Smooth Bore : 9 N max.
Disengagement Force	Full Detent : 22 N min. Limited Detent : 9 N min. Smooth Bore : 2.2 N min.
Contact Retention	7 N min.
Durability (Mating)	Full Detent : 100 cycles min. Limited Detent : 500 cycles min. Smooth Bore : 1000 cycles min.
Temperature Range	-65°C thru 155°C
Vibration	MIL-STD-202 Method 204, Condition B.
Temperature Shock	MIL-STD-202 Method 107, Condition B.
Moisture Resistance	MIL-STD-202 Method 106
Mechanical Shock	MIL-STD-202 Method 213, Condition A.

## SMP PLUG CRIMP TYPE (0~40 GHz)

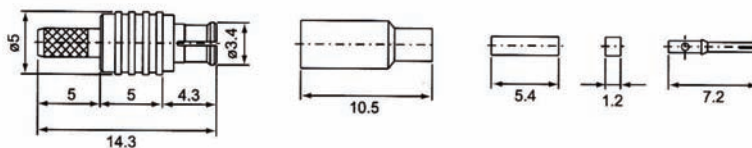
### SP051CU-LGGT50

SMP PLUG CRIMP TYPE FOR  
RG174, 188, 316/U CABLE  
FREQUENCY: 0~40 GHz



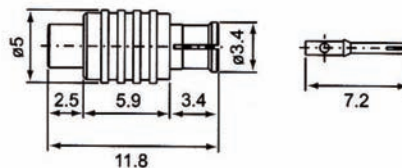
### SP051CU-MGGT50

SMP PLUG CRIMP TYPE  
FOR RG178, 196/U CABLE  
FREQUENCY: 0~40 GHz



### SP051CU-U8GGT50

SMP PLUG CRIMP TYPE  
FOR RG405/U CABLE  
FREQUENCY: 0~40 GHz



## ORDERING INFORMATION:

P/N SPxxx CU - xGGT50

2                      3                      4 5 6 7 8

2. CONNECTOR CODE :  
SP051
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"L" RG174/U, RG316/U  
"M" RG178/U, RG196/U  
"U8" RG405/U

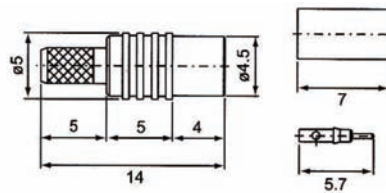
5. BODY FINISH:  
"G" GOLD PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## SMP JACK CRIMP TYPE (0~40 GHz)

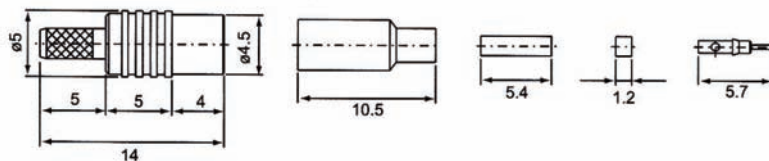
### SP052CU-LGGT50

SMP JACK CRIMP TYPE FOR  
RG174, 188, 316/U CABLE  
FREQUENCY: 0~40 GHz



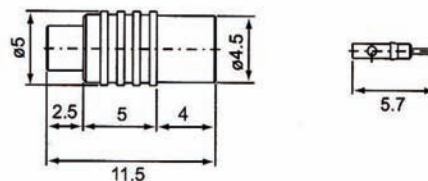
### SP052CU-MGGT50

SMP JACK CRIMP TYPE  
FOR RG178, 196/U CABLE  
FREQUENCY: 0~40 GHz



### SP052CU-U8GGT50

SMP JACK CRIMP TYPE  
FOR RG405/U CABLE  
FREQUENCY: 0~40 GHz



## ORDERING INFORMATION:

P/N SP<sub>2</sub>xxxCU<sub>3</sub> - x<sub>4</sub>G<sub>5</sub>G<sub>6</sub>T<sub>7</sub>50<sub>8</sub>

2. CONNECTOR CODE :  
SP052
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"L" RG174/U, RG316/U  
"M" RG178/U, RG196/U  
"U8" RG405/U

5. BODY FINISH:  
"G" GOLD PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

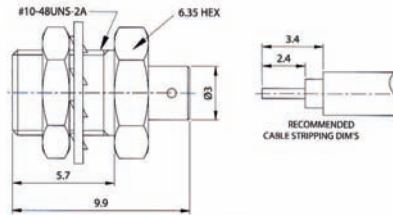
\*SEE PAGE H0002 FOR THE OTHERS!



## SMP JACK/PLUG DIRECT SOLDER TYPE (0~40 GHz)

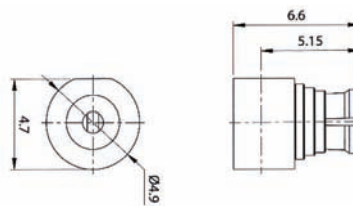
### SP001CU-\*GGT50

SMP PLUG SOLDER TYPE FOR  
SEMI-RIGID CABLE  
FREQUENCY: 0~40 GHz



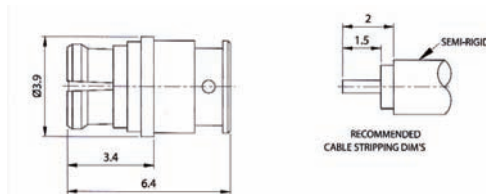
### SP002CU-\*GGT50

SMP JACK RIGHT ANGLE  
SOLDER TYPE FOR  
SEMI-RIGID CABLE  
FREQUENCY: 0~40 GHz



### SP003CU-\*GGT50

SMP JACK SOLDER TYPE  
FOR SEMI-RIGID CABLE  
FREQUENCY: 0~40 GHz



## ORDERING INFORMATION:

P/N S P x x x C U - x G G T 5 0

2                      3                      4 5 6 7 8

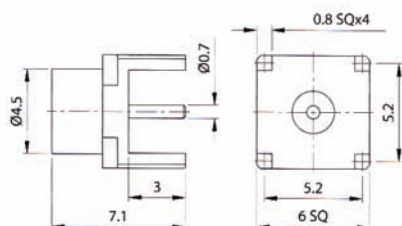
2. CONNECTOR CODE :  
SP001, SP002, SP003
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"R2" 0.085" SEMI-RIGID, RG405/U  
"R4" 0.047" SEMI-RIGID

\*SEE PAGE H0002 FOR THE OTHERS!

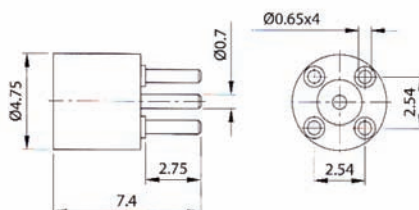
5. BODY FINISH:  
"G" GOLD PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"D" DELRIN  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS  
"75" 75 OHMS

## SMP PLUG SMT TYPE & PCB MOUNT TYPE (0~40 GHz)

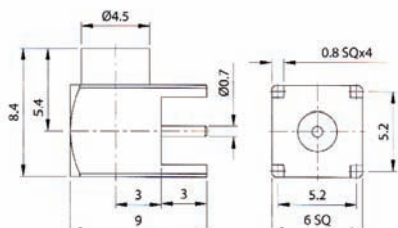
**SP004CU-XGGT50**  
SMP PCB MOUNT PLUG  
FREQUENCY: 0~40 GHz



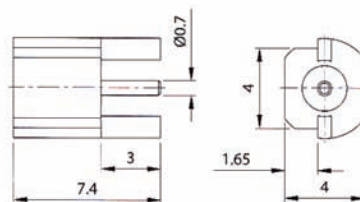
**SP005CU-XGGT50**  
SMP PCB MOUNT PLUG  
FREQUENCY: 0~40 GHz



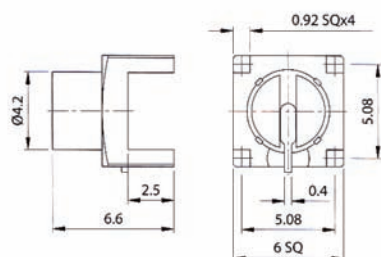
**SP006CU-XGGT50**  
SMP PLUG RIGHT ANGLE PCB MOUNT TYPE  
FREQUENCY: 0~40 GHz



**SP009CU-XGGT50**  
SMP PLUG SMT END LAUNCH TYPE  
FREQUENCY: 0~40 GHz



**SP007CU-XGGT50**  
SMP PLUG SMT TYPE  
FREQUENCY: 0~40 GHz



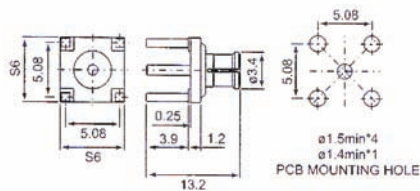
**SP010CU-XGGT50**  
SMP PLUG SMT TYPE  
FREQUENCY: 0~40 GHz



## SMP JACK/PLUG PCB MOUNT TYPE & ADAPTORS (0~40 GHz)

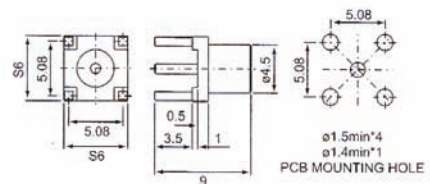
### SP053CU-XGGT50

SMP PLUG STRAIGHT PCB MOUNT TYPE  
FREQUENCY: 0~40 GHz



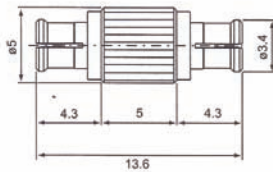
### SP054CU-XGGT50

SMP JACK STRAIGHT PCB MOUNT TYPE  
FREQUENCY: 0~40 GHz



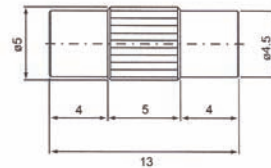
### SP055CU-XGGT50

SMP DOUBLE MALE ADAPTOR  
FREQUENCY: 0~40 GHz



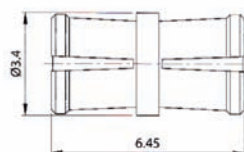
### SP056CU-XGGT50

SMP DOUBLE FEMALE ADAPTOR  
FREQUENCY: 0~40 GHz



### SP008CU-XGGT50

SMP DOUBLE FEMALE ADAPTOR  
FREQUENCY: 0~40 GHz

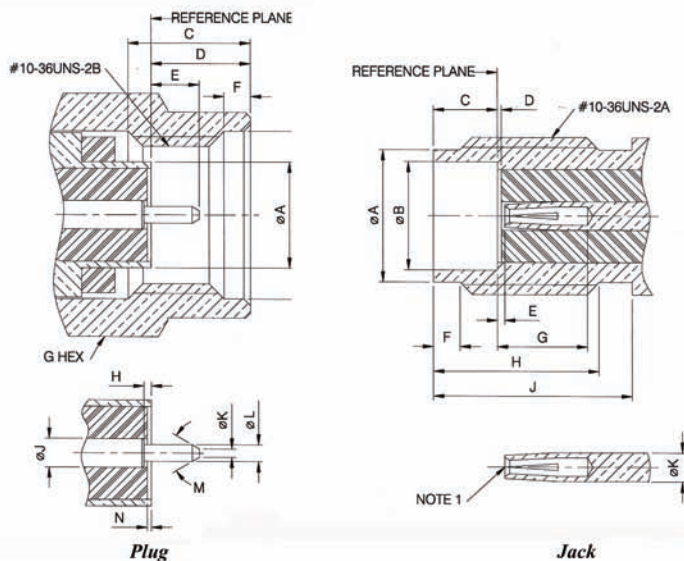


## SSMA SERIES CONNECTORS & ADAPTORS

SSMA connectors are micro-miniature, high-frequency connectors with threaded mating (smaller version of SMA series), designed to MIL-PRF-39012 requirements.

Their stainless steel construction provides mechanical ruggedness in small size.

### INTERFACE MATING DIMENSIONS



NOTE 1: I.D. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH 0.5/0.53 MM DIA. PIN.

Letter	PLUG	
	Millimeters	
	Minimum	Maximum
A	3.15	3.22
B	4.98	5.13
C	3.30	-
D	2.54	3.38
E	1.27	1.65
F	0.38	1.14
G	6.23	6.47
H	0.00	0.25
J	0.86	0.88
K	-	0.25
L	0.50	0.53
M	70	95
N	0.00	0.25

Letter	JACK	
	Millimeters	
	Minimum	Maximum
A	3.89	4.06
B	3.23	3.30
C	1.90	1.96
D	0.00	0.25
E	0.00	0.25
F	0.51	1.02
G	1.90	-
H	4.32	-
J	5.84	-
K	0.86	0.88

## SPECIFICATIONS

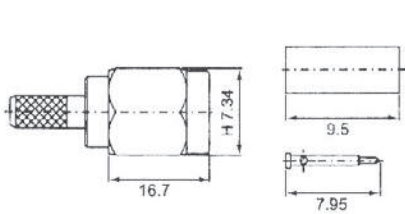
Electrical		
Impedance	50 ohm	
Frequency Range	0 - 18 GHz	
Working Voltage	250 VRMS max.	
Dielectric Withstanding Voltage	750 VRMS min.	
VSWR	Straight	1.2+0.03 F (GHz) max.
	Right Angle	1.2+0.033 F (GHz) max.
Contact Resistance	Center Contact	6 Milliohms max.
	Outer Contact	2.5 Milliohms max.
Insulator Resistance	1000 Megohms min.	

Material		
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Gold 3 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Gold 30 micro-inches
	Female: Beryllium copper per QQ-C-530	Gold 30 micro-inches
Insulators	Teflon	None
Crimp Ferrules	Annealed Brass	Gold 3 micro-inches

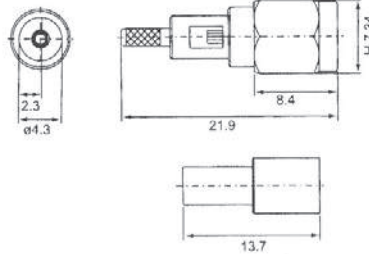
Mechanical & Environmental	
Engagement Force	2 in-lbs. max.
Disengagement Force	2 in-lbs. max.
Coupling Nut Retention	22.5 lbs. min.
Coupling Proof Torque	5 in-lbs. min.
Contact Retention	4 lbs. min.
Durability (Mating)	500 cycles min.
Temperature Range	-55° C to 105° C
Vibration	MIL-STD-202 Method 204 Test Cond. B.
Salt Spray	MIL-STD-202 Method 101 Test Cond. B.
Thermal Shock	MIL-STD-202 Method 107 Test Cond. B.

## SSMA CONNECTORS & ADAPTORS (1)

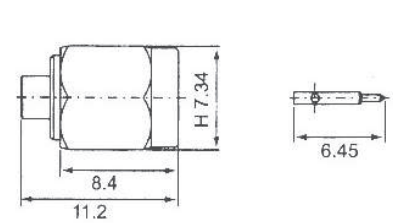
**SS301CU-LGGT50**  
SSMA PLUG CRIMP TYPE  
FOR RG174/U, RG316/U CABLE



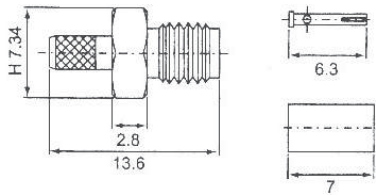
**SS301CU-MGGT50**  
SSMA PLUG CRIMP TYPE  
FOR RG178/U CABLE



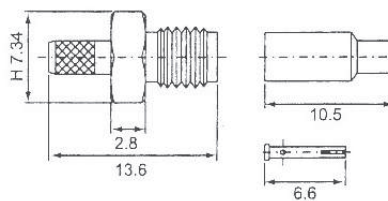
**SS301CU-R2GGT50**  
SSMA PLUG CRIMP TYPE  
FOR RG405/U CABLE



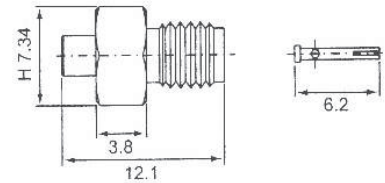
**SS303CU-LGGT50**  
SSMA JACK CRIMP TYPE  
FOR RG174/U, RG316/U CABLE



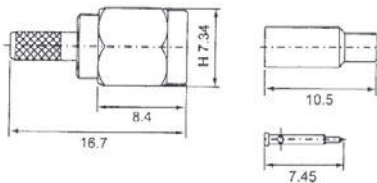
**SS303CU-MGGT50**  
SSMA JACK CRIMP TYPE  
FOR RG178/U CABLE



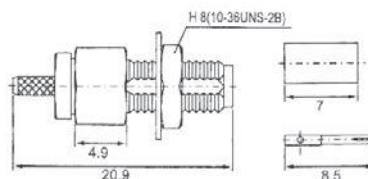
**SS303CU-R2GGT50**  
SSMA JACK CRIMP TYPE  
FOR RG405/U CABLE



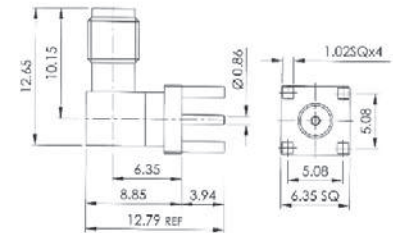
**SS302CU-MGGT50**  
SSMA PLUG CRIMP TYPE  
FOR RG178/U CABLE  
DIM. A=6.1MM, B=1.2MM



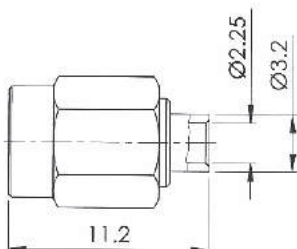
**SS304CU-MGGT50**  
SSMA JACK CRIMP  
BULKHEAD TYPE  
FOR RG178/U CABLE



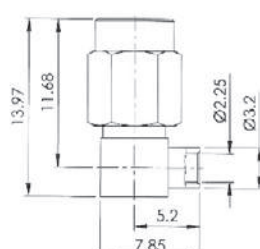
**SS317CU-XGGT50**  
SSMA PCB MOUNT JACK  
RIGHT ANGLE TYPE



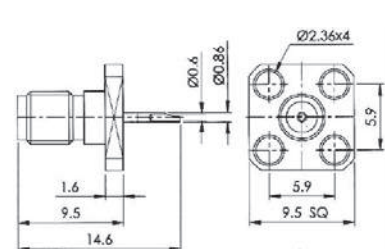
**SS315CU-R2GGT50**  
SSMA PLUG SOLDER TYPE  
FOR SEMI-RIGID RG405/U CABLE



**SS316CU-R2GGT50**  
SSMA PLUG R/A SOLDER TYPE  
FOR SEMI-RIGID RG405/U CABLE



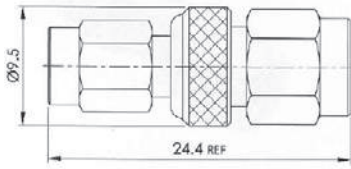
**SS318CU-XGGT50**  
SSMA JACK  
PANEL MOUNT TYPE



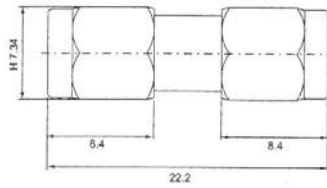


## SSMA CONNECTORS & ADAPTORS (2)

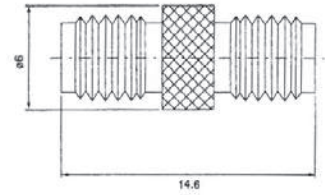
**SS311CU-XNGT50**  
SSMA MALE TO SMA MALE



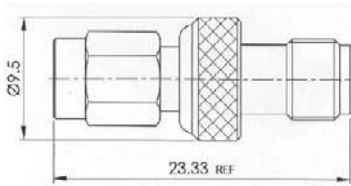
**SS307CU-XGGT50**  
SSMA DOUBLE MALE



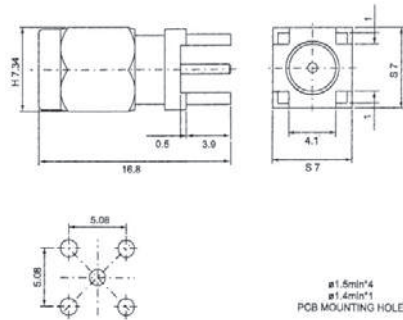
**SS308CU-XGGT50**  
SSMA DOUBLE FEMALE



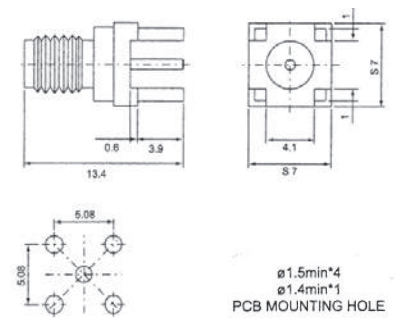
**SS312CU-XNGT50**  
SSMA MALE TO SMA FEMALE



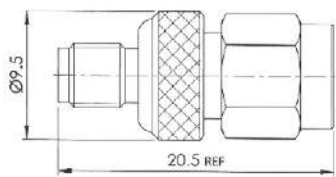
**SS305CU-XGGT50**  
SSMA PLUG SOLDER  
PCB MOUNT TYPE



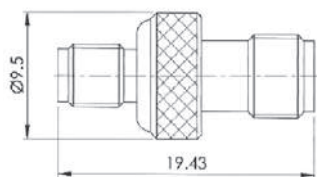
**SS306CU-XGGT50**  
SSMA JACK SOLDER  
PCB MOUNT TYPE



**SS313CU-XNGT50**  
SSMA FEMALE TO SMA MALE



**SS314CU-XNGT50**  
SSMA FEMALE TO SMA FEMALE

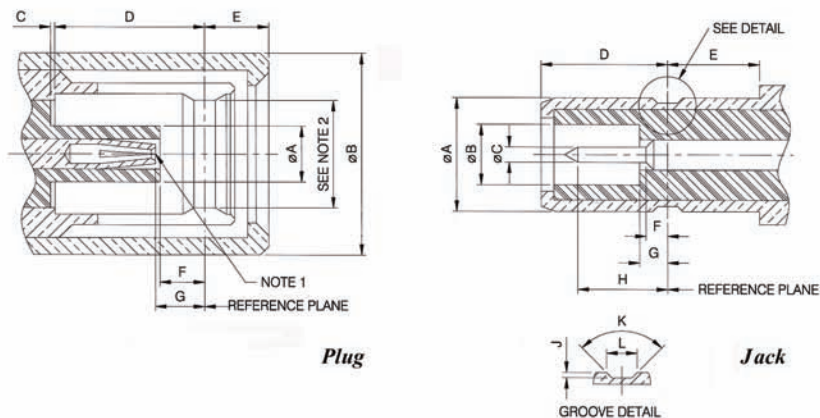


## SSMB SERIES CONNECTORS & ADAPTORS

SSMB Series in a microminiature connectors with snap-on mating (smaller version of SMB series), designed to MIL-PRF-39012 requirements. The design permits rapid connection and disconnection in small spaces, even in inaccessible locations.

SSMB series provides excellent electrical performance in a microminiature footprint. While the snap-on mating interface allows quick installation and dense packaging, the excellent electrical performance of the SSMB series allows it to be used in many applications as an alternative to larger connectors like SMAs.

### INTERFACE MATING DIMENSIONS



- NOTE : 1. I.D. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH 0.35/0.38 MM DIA. PIN.  
 2. MUST MEET THE FORCE TO ENGAGE/DISENGAGE REQUIREMENT WHEN MATED WITH ITS MATING PART.

PLUG		
Letter	Millimeters	
	Minimum	Maximum
A	-	1.34
B	-	4.82
C	0.00	-
D	3.10	-
E	-	1.78
F	0.84	-
G	0.84	-

JACK		
Letter	Millimeters	
	Minimum	Maximum
A	-	2.67
B	1.37	-
C	0.35	0.38
D	-	3.10
E	1.91	-
F	-	0.84
G	-	0.84
H	1.91	-
J	0.05	0.15
K	89°	91°
L	0.71	0.74

## SPECIFICATIONS

Electrical		
Impedance	50 ohm	
Frequency Range	0 - 4 GHz	
Working Voltage	250 VRMS max.	
Dielectric Withstanding Voltage	500 VRMS min.	
VSWR	Straight	1.3+0.02 F (GHz) max.
	Right Angle	1.3+0.03 F (GHz) max.
Contact Resistance	Center Contact	5 Milliohms max.
	Outer Contact	2.5 Milliohms max.
Insulator Resistance	1000 Megohms min.	

Material		
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Gold 3 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Gold 30 micro-inches
	Female: Beryllium copper per QQ-C-530	Gold 30 micro-inches
Insulators	Teflon	None
Crimp Ferrules	Annealed Brass	Gold 3 micro-inches

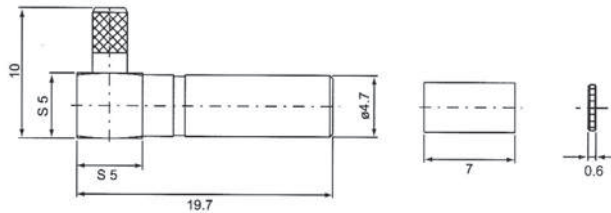
Mechanical & Environmental	
Engagement / Disengagement Force	6 lbs. max.
Coupling Nut Retention	Not applicable
Coupling Proof Torque	Not applicable
Contact Retention	2 lbs. min.
Durability (Mating)	500 cycles min. (For Beryllium copper Female Contact Only)
Temperature Range	-65° C to 165° C
Vibration	MIL-STD-202 Method 204 Test Cond. B.
Salt Spray	MIL-STD-202 Method 101 Test Cond. B.
Thermal Shock	MIL-STD-202 Method 107 Test Cond. B.

## SSMB PLUG CRIMP TYPE

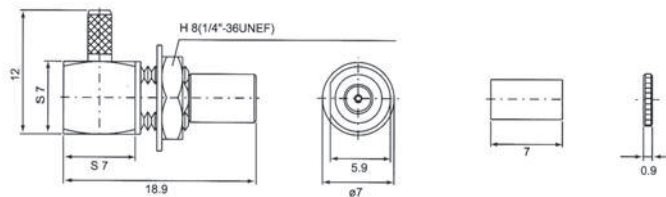
### ST401CU-\*GGT50 SSMB PLUG CRIMP TYPE



### ST402CU-\*GGT50 SSMB PLUG CRIMP RIGHT ANGLE TYPE



### ST403CU-\*GGT50 SSMB PLUG CRIMP BULKHEAD RIGHT ANGLE TYPE



## ORDERING INFORMATION:

P/N ST<sub>2</sub>xxx CU<sub>3</sub> - x<sub>4</sub> G<sub>5</sub> G<sub>6</sub> T<sub>7</sub> 50<sub>8</sub>

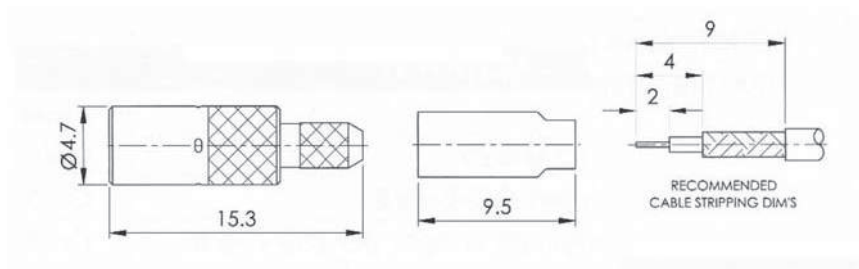
2. CONNECTOR CODE :  
ST401, ST402, ST403
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"L" RG174/U, RG316/U  
"M" RG178/U, RG196/U  
"N" RG179/U, RG187/U

5. BODY FINISH:  
"G" GOLD PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

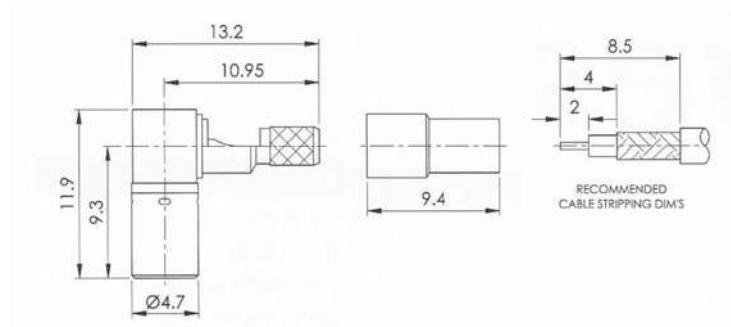
\*SEE PAGE H0002 FOR THE OTHERS!

## SSMB PLUG CRIMP TYPE (2)

### ST413CU-\*GGT50 SSMB PLUG CRIMP TYPE



### ST414CU-\*GGT50 SSMB PLUG CRIMP RIGHT ANGLE TYPE



## ORDERING INFORMATION:

P/N S T x x x C U - x G G T 5 0

2 3 4 5 6 7 8

2. CONNECTOR CODE :

ST413, ST414

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"V6" RG316/U DOUBLE BRAID

"L" RG174/U, RG316/U

"N" RG179/U, RG187/U

5. BODY FINISH:

"G" GOLD PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

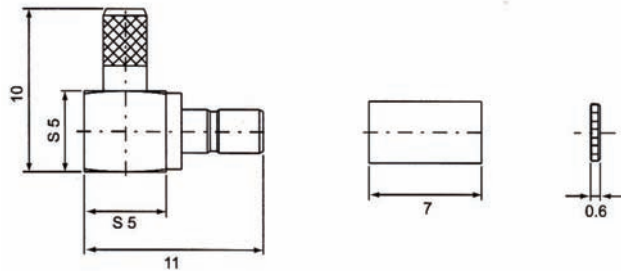
\*SEE PAGE H0002 FOR THE OTHERS!

## SSMB JACK CRIMP TYPE

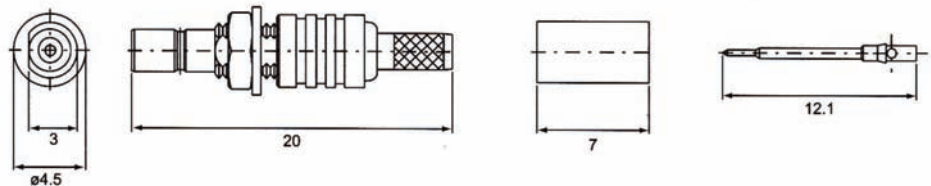
### ST404CU-\*GGT50 SSMB JACK CRIMP TYPE



### ST405CU-\*GGT50 SSMB JACK CRIMP RIGHT ANGLE TYPE



### ST406CU-\*GGT50 SSMB JACK CRIMP BULKHEAD TYPE



## ORDERING INFORMATION:

P/N S T x x x C U - x G G T 5 0

2                      3                      4 5 6 7 8

2. CONNECTOR CODE :  
ST404, ST405, ST406
3. BODY MATERIAL:  
"CU" BRASS
4. CABLE GROUP CODE:  
"L" RG174/U, RG316/U  
"M" RG178/U, RG196/U  
"N" RG179/U, RG187/U

5. BODY FINISH:  
"G" GOLD PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED
7. INSULATION:  
"T" TEFLON
8. IMPEDANCE:  
"50" 50 OHMS

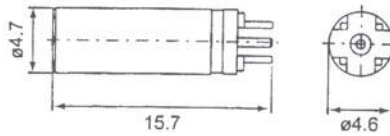
\*SEE PAGE H0002 FOR THE OTHERS!



## SSMB PLUG/JACK SOLDER & PCB MOUNT TYPE

### ST407CU-XGGT50

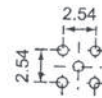
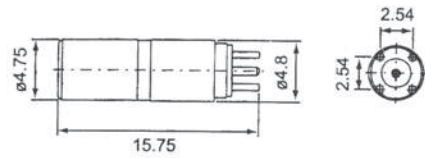
SSMB PLUG SOLDER PCB MOUNT TYPE



ø0.8min\*5  
PCB MOUNTING HOLE

### ST408CU-XGGT50

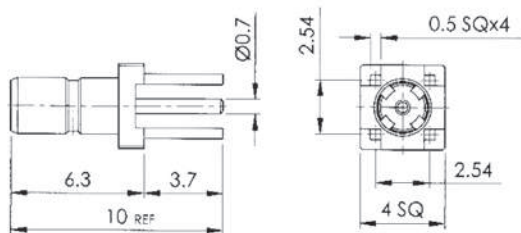
SSMB PLUG SOLDER PCB MOUNT TYPE



ø0.8min\*5  
PCB MOUNTING HOLE

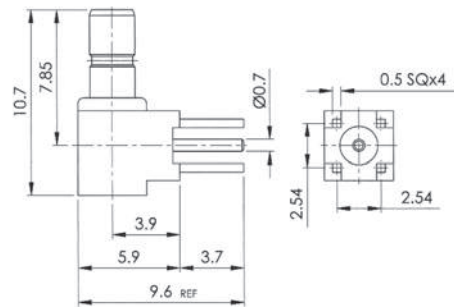
### ST410CU-XGGT50

SSMB JACK SOLDER PCB MOUNT TYPE



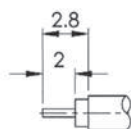
### ST409CU-XGGT50

SSMB PCB MOUNT JACK RIGHT ANGLE TYPE

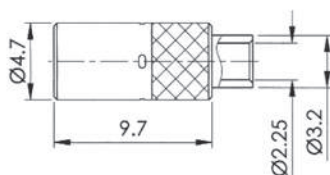


### ST412CU-R2GGT50

SSMB PLUG DIRECT SOLDER TYPE  
FOR RG405/U CABLE



RECOMMENDED  
CABLE STRIPPING DIM'S



## TNC SERIES CONNECTORS & ADAPTORS

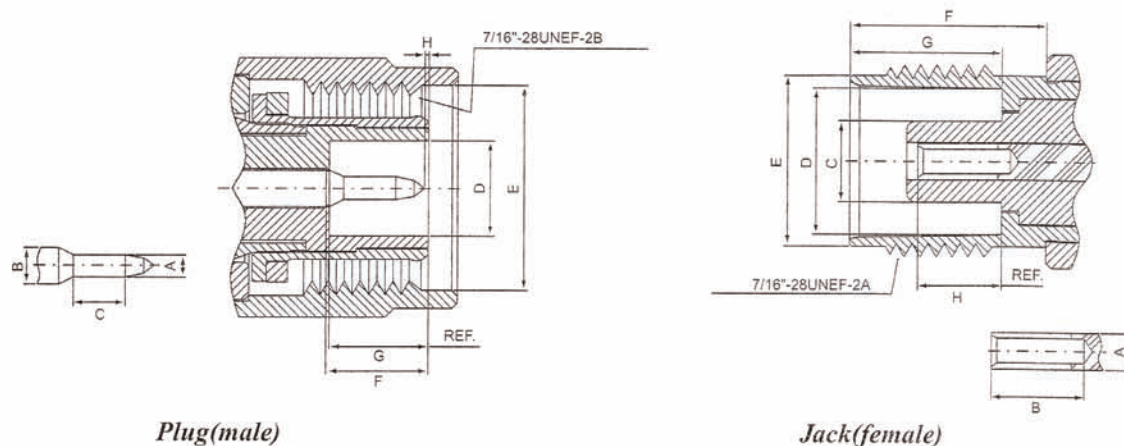
### 50 Ohm 0-11GHz

TNC series connectors are designed to provide low reflection from DC to 11GHz under extreme environmental conditions, especially shock and vibration. They're the same BNC connectors except for their mating threaded coupling.

Cable terminations are available in crimp, clamp, twist on and solder configurations. Their rugged design was initially developed for high vibration environments and popular accepted.

They're used for data transmission, medical and test equipment, microwave components and aerospace applications.

### Interface Dimensions:



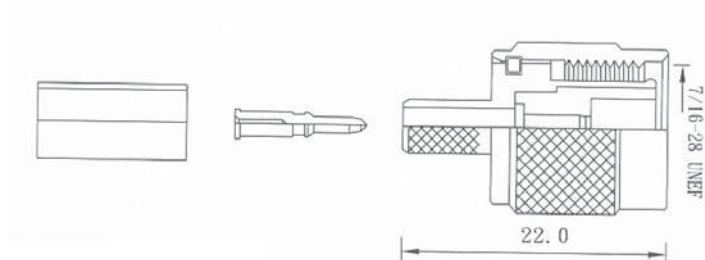
	Plug		Jack	
	min.	max.	min.	max.
A	1.32/.052	1.37/.054	2.06/.081	2.21/.087
B	2.06/.081	2.21/.087	4.95/.195	-
C	1.98/.078	-	-	4.72/.186
D	4.83/.190	-	8.10/.319	8.15/.321
E	11.18/.440	-	9.60/.378	9.70/.382
F	5.33/.210	5.84/.230	10.52/.414	-
G	5.28/.208	5.79/.228	8.31/.327	8.51/.335
H	0.08/.003	1.02/.040	4.72/.186	5.23/.206

### Electrical:

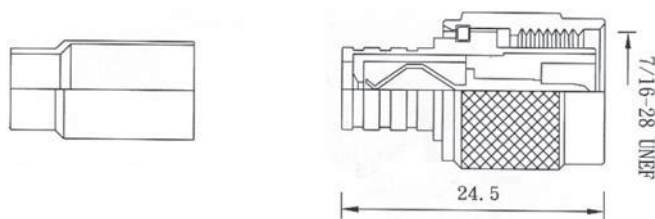
Impedance	50 ohm	75ohm available
Frequency Range	0 to 11.0 GHz	0 to 1.0GHz
VSWR	Straight: 1.3max ; Right angle: 1.35max	
Insertion Loss	0.2dB max @ 3GHz	

## TNC PLUG CRIMP TYPE (1)

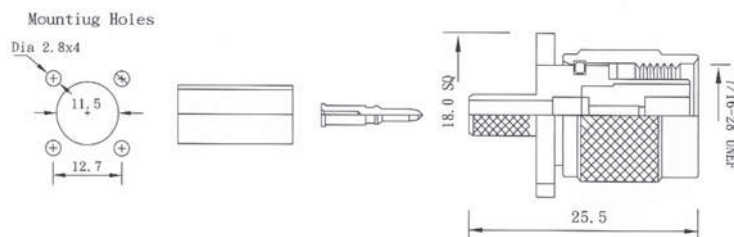
### T204CU-\*NG\*\*\* TNC PLUG CRIMP TYPE



### T209CU-\*NG\*\*\* TNC PLUG QUICK CRIMP TYPE



### T239CU-\*NG\*\*\* TNC PLUG CRIMP PANEL MOUNT TYPE



## ORDERING INFORMATION:

P/N Txxx CU - x N G xxx

2            3            4 5 6 7 8

2. CONNECTOR CODE :

T204, T209, T239

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"L" RG174/U, RG316/U (50Ω)

"V6" RG316/U DOUBLE BRAID (50Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

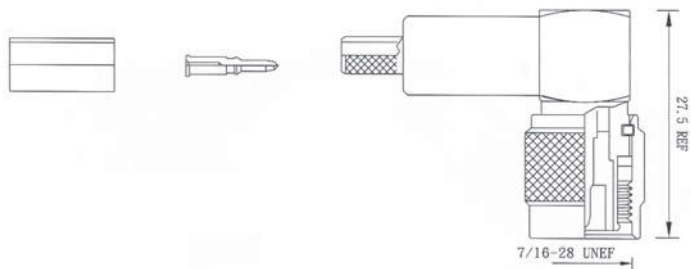
"50" 50 OHMS

"75" 75 OHMS

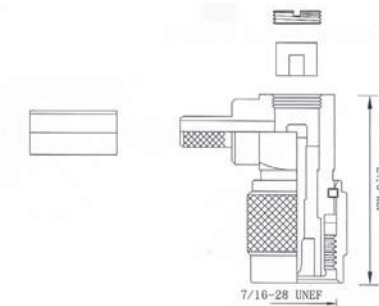
\*SEE PAGE H0002 FOR THE OTHERS!

## TNC PLUG CRIMP TYPE (2)

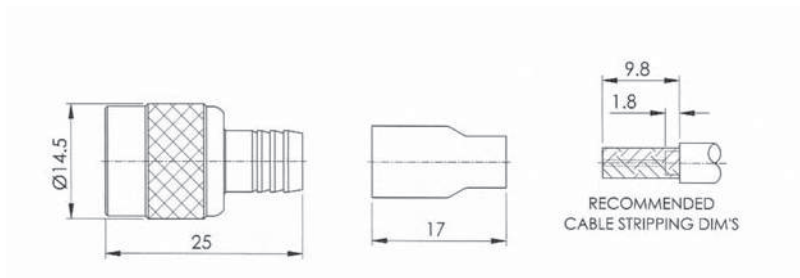
**T213CU-\*NG\*\*\***  
TNC PLUG CRIMP/CRIMP  
RIGHT ANGLE TYPE



**T214CU-\*NG\*\*\***  
TNC PLUG SOLDER/CRIMP  
RIGHT ANGLE TYPE



**T428CU-\*NG\*\*\***  
TNC QUICK PLUG  
CRIMP TYPE FOR  
RG58/U & RG59/U  
CABLE



### ORDERING INFORMATION:

**P/N**  $\frac{T}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{NG}{6} \frac{xxx}{7} \frac{8}{8}$

2. CONNECTOR CODE :

T213, T214, T428

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"L" RG174/U, RG316/U (50Ω)

"V6" RG316/U DOUBLE BRAID (50Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

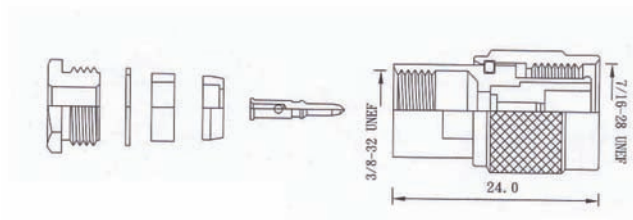
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## TNC PLUG CLAMP TYPE

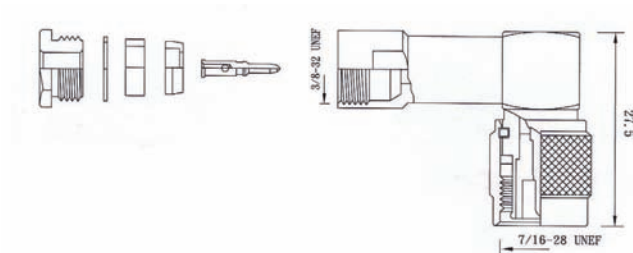
### T201CU-\*NG\*\*\*

TNC PLUG CLAMP TYPE



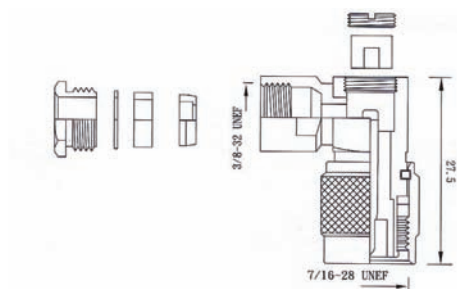
### T233CU-\*NG\*\*\*

TNC PLUG CLAMP/CLAMP  
RIGHT ANGLE TYPE



### T423CU-\*NG\*\*\*

TNC PLUG SOLDER/CLAMP  
RIGHT ANGLE TYPE



## ORDERING INFORMATION:

P/N  $\frac{T}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{NG}{6} \frac{xxx}{7} \frac{xxx}{8}$

2. CONNECTOR CODE :

T201, T233, T423

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"L" RG174/U, RG316/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

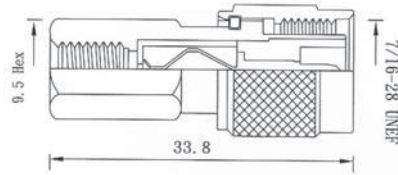
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

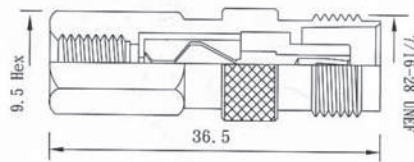


## TNC PLUG/JACK TWIST ON & WEDGE COMPRESSION TYPE

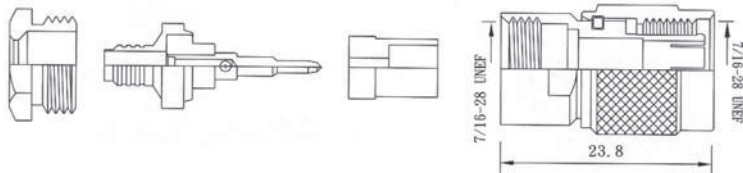
**T205CU-\*NG\*\*\***  
TNC PLUG TWIST ON  
TYPE



**T211CU-\*NG\*\*\***  
TNC JACK TWIST ON  
TYPE



**T208CU-\*NG\*\*\***  
TNC PLUG WEDGE  
COMPRESSION TYPE



### ORDERING INFORMATION:

P/N Txxx CU - x N G xxx  
2 3 4 5 6 7 8

2. CONNECTOR CODE :

T205, T211, T208

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"L" RG174/U, RG316/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

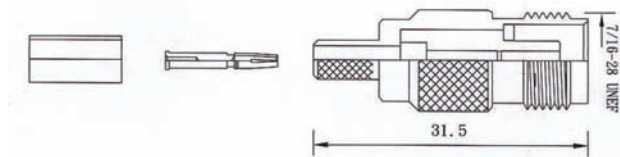
"50" 50 OHMS

"75" 75 OHMS

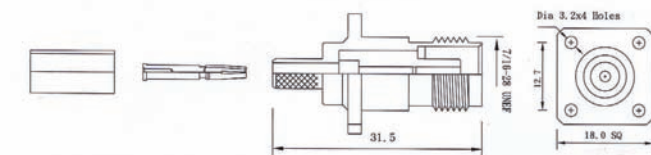
\*SEE PAGE H0002 FOR THE OTHERS!

## TNC JACK CRIMP TYPE (1)

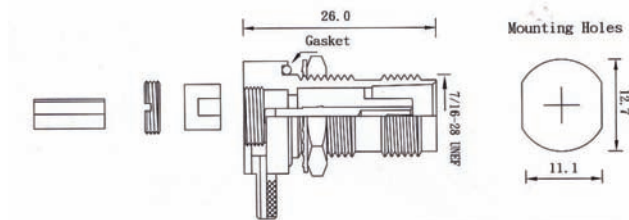
### T210CU-\*NG\*\*\* TNC JACK CRIMP TYPE



### T212CU-\*NG\*\*\* TNC JACK CRIMP PANEL MOUNT TYPE



### T425CU-\*NG\*\*\* TNC JACK RIGHT ANGLE CRIMP BULKHEAD TYPE



## ORDERING INFORMATION:

P/N Txxx CU - x N G xxx  
2 3 4 5 6 7 8

2. CONNECTOR CODE :

T210, T212, T425

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"L" RG174/U, RG316/U (50Ω)

"V6" RG316/U DOUBLE BRAID (50Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

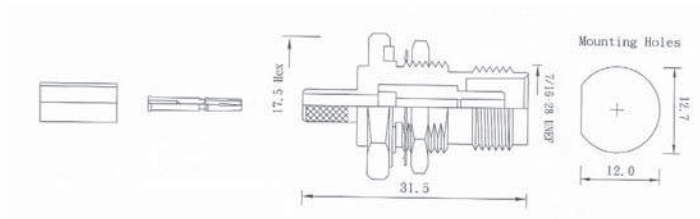
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## TNC JACK CRIMP TYPE (2)

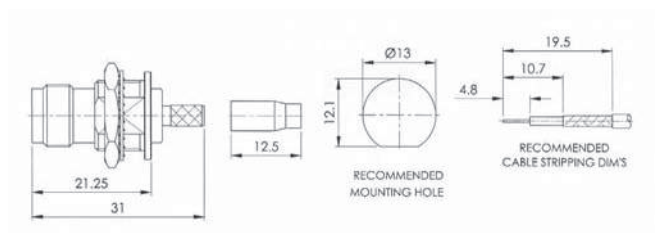
### T237CU-\*NG\*\*\*

TNC JACK FRONT MOUNT  
CRIMP BULKHEAD TYPE



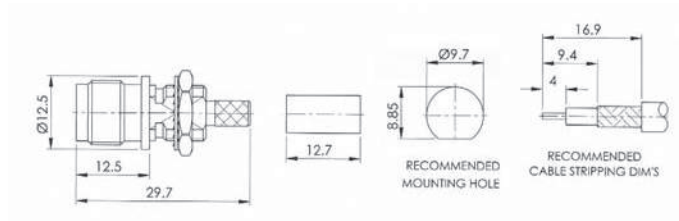
### T402CU-\*NG\*\*\*

TNC JACK CRIMP  
BULKHEAD TYPE  
WITH O-RING SEAL  
(WATER PROOF)



### T429CU-\*NG\*\*\*

TNC JACK REAR  
MOUNT CRIMP  
BULKHEAD TYPE



## ORDERING INFORMATION:

P/N Txxx CU - x N G xxx

2        3        4 5 6 7 8

2. CONNECTOR CODE :

T237, T402, T429

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"L" RG174/U, RG316/U (50Ω)

"V6" RG316/U DOUBLE BRAID (50Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

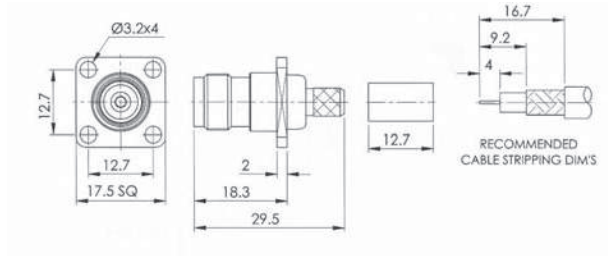
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

## TNC JACK CRIMP TYPE (3)

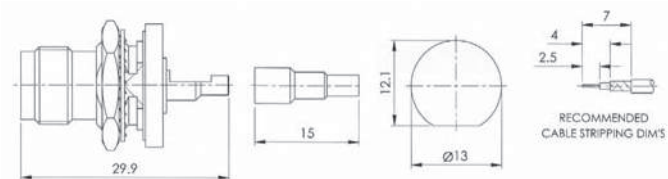
### T430CU-\*NG\*\*\*

TNC JACK CRIMP PANEL  
MOUNT TYPE (CODE: F,  
G, P, L, N, V6)



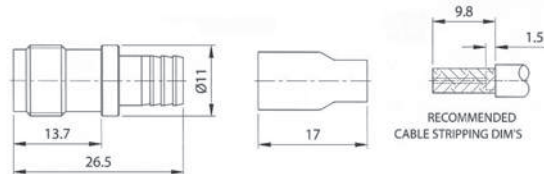
### T237CU-13NG\*50

TNC JACK FRONT  
MOUNT CRIMP  
BULKHEAD TYPE FOR  
1.13MM, 1.32MM &  
1.5MM CABLE



### T431CU-\*NG\*\*\*

TNC QUICK JACK  
CRIMP TYPE FOR  
RG58/U & RG59/U  
CABLE



## ORDERING INFORMATION:

P/N Txxx CU - x N G xxx  
2 3 4 5 6 7 8

2. CONNECTOR CODE :

T430, T237, T431

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"13" 1.13MM~1.50MM (50Ω)

"V6" RG316/U DOUBLE BRAID (50Ω)

\*SEE PAGE H0002 FOR THE OTHERS!

5. BODY FINISH:

"G" GOLD PLATED

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

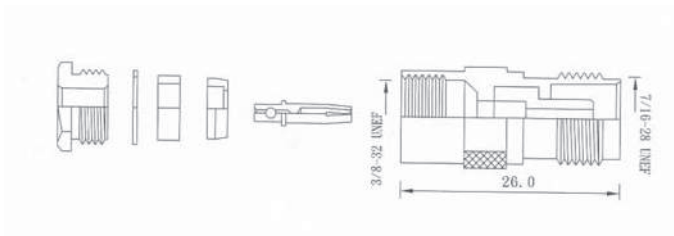
"50" 50 OHMS

"75" 75 OHMS

## TNC JACK CLAMP TYPE

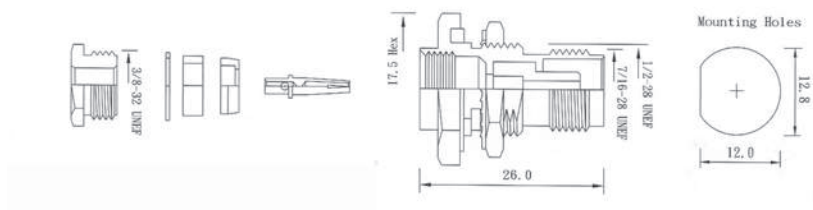
### T202CU-\*NG\*\*\*

TNC JACK CLAMP TYPE



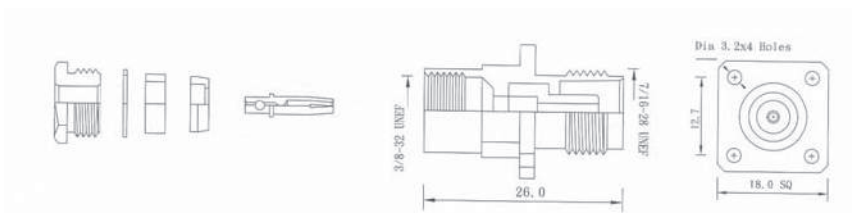
### T240CU-\*NG\*\*\*

TNC JACK CLAMP  
BULKHEAD TYPE



### T235CU-\*NG\*\*\*

TNC JACK CLAMP  
PANEL MOUNT TYPE



## ORDERING INFORMATION:

P/N Txxx CU - x N G xxx

2            3            4 5 6 7 8

2. CONNECTOR CODE :

T202, T240, T235

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U (50Ω)

"G" RG59/U, RG62/U (75Ω)

"L" RG174/U, RG316/U (50Ω)

"N" RG179/U, RG187/U (75Ω)

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

"50" 50 OHMS

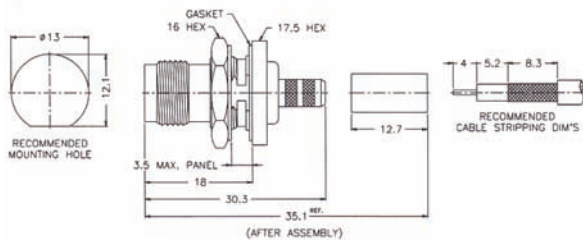
"75" 75 OHMS

\*SEE PAGE H0002 FOR THE OTHERS!

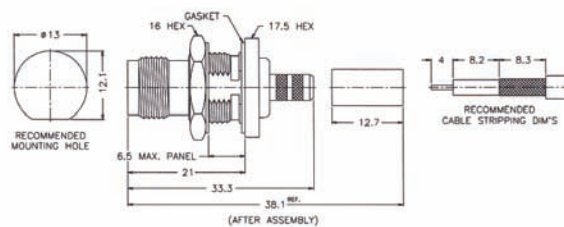


## TNC JACK CRIMP TYPE & ADAPTORS

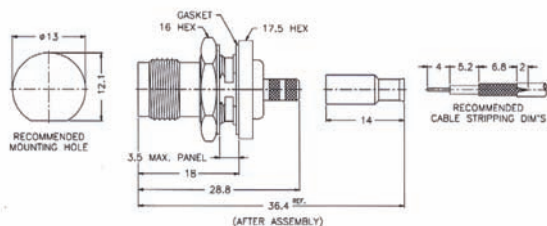
**T9A5CU-FNG\*50** RG58U, 141U  
**T9A5CU-GNG\*75** RG59U, 140U  
**T9A5CU-62NG\*75** RG62A/U  
 TNC BULKHEAD CRIMP JACK FOR 3.5MM MAX. PANEL  
 \*=D: DELRIN INSULATION  
 \*=T: TEFLON INSULATION



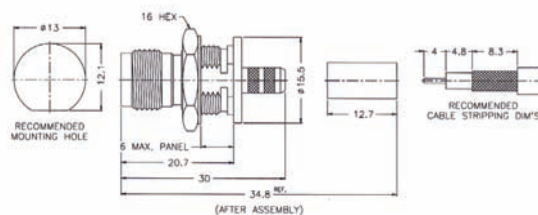
**T9A6CU-FNG\*50** RG58U, 141U  
**T9A6CU-GNG\*75** RG59U, 140U  
**T9A6CU-62NG\*75** RG62A/U  
 TNC BULKHEAD CRIMP JACK FOR 6.5MM MAX. PANEL  
 \*=D: DELRIN INSULATION  
 \*=T: TEFLON INSULATION



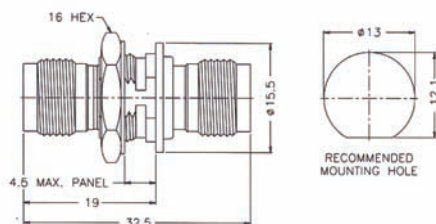
**T9A9CU-LNGD50** RG174U  
**T9A9CU-LNGD50** RG316U  
**T9A9CU-NNGD75** RG179U  
 TNC BULKHEAD CRIMP JACK WITH NON CAPTIVE CONTACT FOR 3.5MM MAX. PANEL



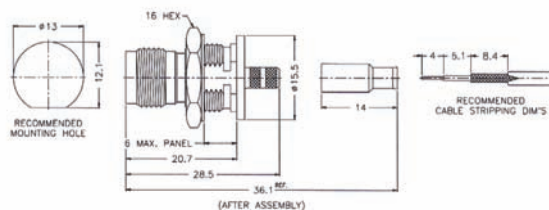
**T9B2CU-FNG\*50** RG58U, 141U  
**T9B2CU-GNG\*75** RG59U, 140U  
**T9B2CU-62NG\*75** RG62A/U  
 TNC BULKHEAD ISOLATED CRIMP JACK FOR 6.0MM MAX. PANEL  
 \*=D: DELRIN INSULATION  
 \*=T: TEFLON INSULATION



**T9R3CU-XNGD50** (50 OHMS)  
**T9R3CU-XNGD75** (75 OHMS)  
 TNC DOUBLE FEMALE BULKHEAD ISOLATED ADAPTOR FOR 4.5MM MAX. PANEL

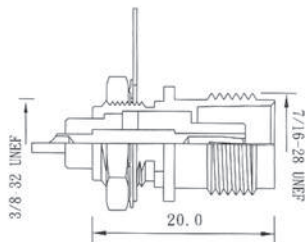


**T9B4CU-LNGD50** RG174U  
**T9B4CU-LNGD50** RG316U  
**T9B4CU-NNGD75** RG179U  
 TNC BULKHEAD ISOLATED CRIMP JACK FOR 6.0MM MAX. PANEL

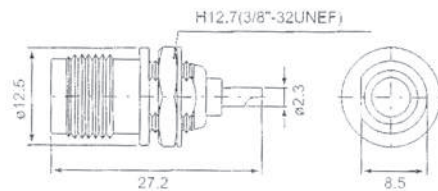


## TNC JACK SOLDER BULKHEAD TYPE & PANEL MOUNT TYPE

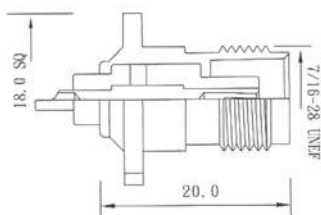
**T246CU-XNGD50** (DELTRIN INSUKATION)  
**T246CU-XNGD75** (DELTRIN INSULATION)  
**T246CU-XNGT50** (TEFLON INSULATION)  
**T246CU-XNGT75** (TEFLON INSULATION)  
 TNC JACK SOLDER BULKHEAD TYPE



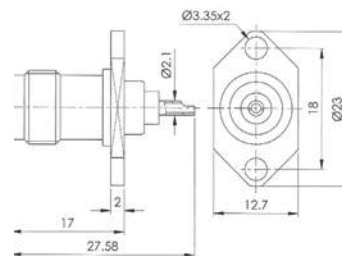
**T392CU-XNGD50** (DELTRIN INSUKATION)  
**T392CU-XNGD75** (DELTRIN INSULATION)  
**T392CU-XNGT50** (TEFLON INSULATION)  
**T392CU-XNGT75** (TEFLON INSULATION)  
 TNC JACK SOLDER BULKHEAD TYPE



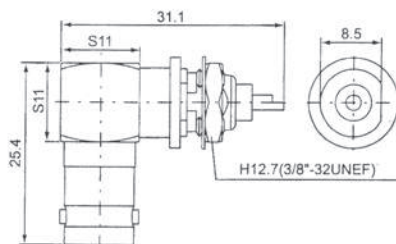
**T247CU-XNGD50**  
**T247CU-XNGD75**  
 TNC JACK SOLDER PANEL MOUNT TYPE (4 HOLES)



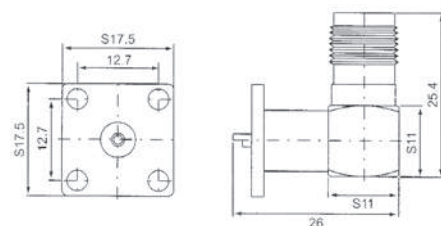
**T395CU-XNGD50**  
**T395CU-XNGD75**  
 TNC JACK SOLDER PANEL MOUNT TYPE



**T387CU-XNGD50** (DELTRIN INSUKATION)  
**T387CU-XNGD75** (DELTRIN INSULATION)  
**T387CU-XNGT50** (TEFLON INSULATION)  
**T387CU-XNGT75** (TEFLON INSULATION)  
 TNC JACK BULKHEAD SOLDER RIGHT ANGLE TYPE

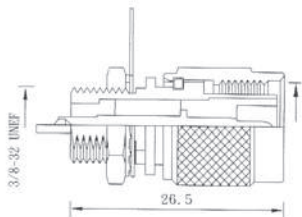


**T414CU-XNGD50**  
**T414CU-XNGD75**  
 TNC JACK R/A SOLDER PANEL MOUNT TYPE

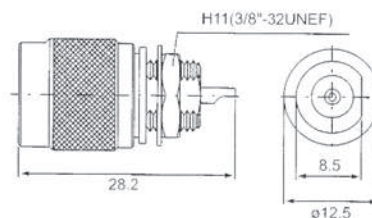


## TNC PLUG/JACK SOLDER BULKHEAD TYPE & PANEL MOUNT TYPE

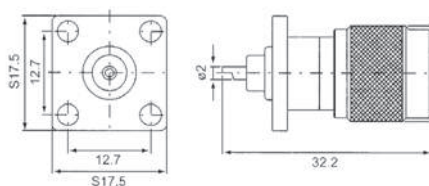
**T242CU-XNGD50** (DELTRIN INSUKATION)  
**T242CU-XNGD75** (DELTRIN INSULATION)  
**T242CU-XNGT50** (TEFLON INSULATION)  
**T242CU-XNGT75** (TEFLON INSULATION)  
 TNC PLUG SOLDER BULKHEAD TYPE



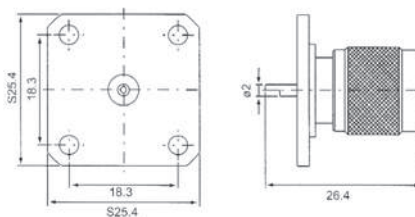
**T391CU-XNGD50** (DELTRIN INSUKATION)  
**T391CU-XNGD75** (DELTRIN INSULATION)  
**T391CU-XNGT50** (TEFLON INSULATION)  
**T391CU-XNGT75** (TEFLON INSULATION)  
 TNC PLUG SOLDER BULKHEAD TYPE



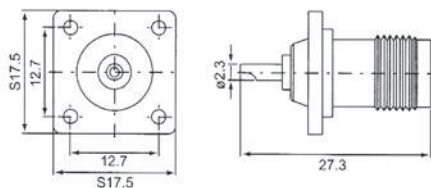
**T404CU-XNGD50**  
**T404CU-XNGD75**  
 TNC PLUG SOLDER PANEL MOUNT TYPE



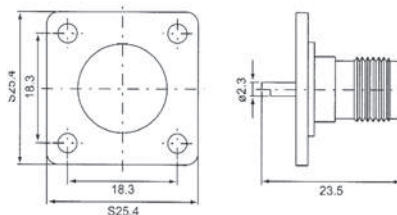
**T405CU-XNGD50**  
**T405CU-XNGD75**  
 TNC PLUG SOLDER PANEL MOUNT TYPE



**T393CU-XNGD50**  
**T393CU-XNGD75**  
 TNC JACK SOLDER PANEL MOUNT TYPE



**T413CU-XNGD50**  
**T413CU-XNGD75**  
 TNC JACK SOLDER PANEL MOUNT TYPE



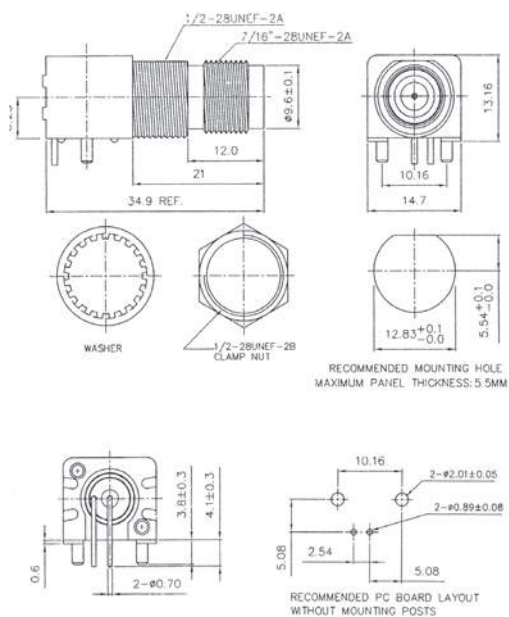




## TNC JACK RIGHT ANGLE PCB MOUNT TYPE (1)

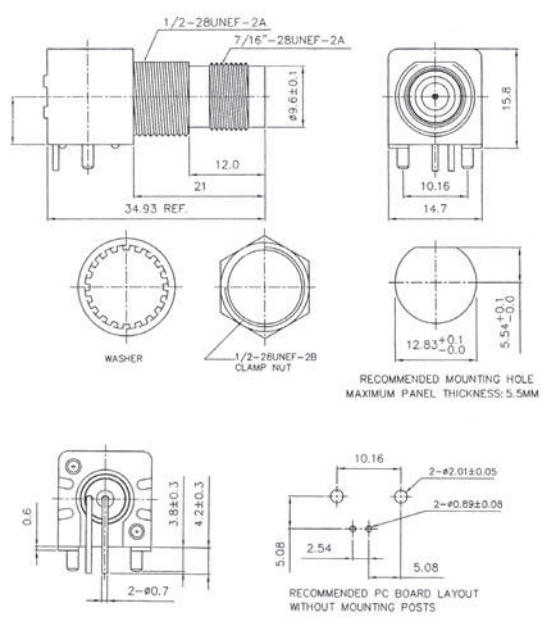
### T397ZN-XNGH50W T397ZN-XNGH75W

TNC RIGHT ANGLE PCB MOUNT JACK WHITE  
HOUSING WITH NUT & WASHER HEIGHT=13.16MM  
ISOLATED TYPE



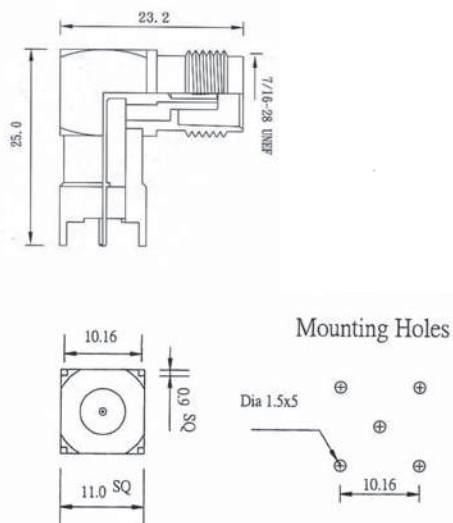
### T398ZN-XNGH50W T398ZN-XNGH75W

TNC RIGHT ANGLE PCB MOUNT JACK WHITE  
HOUSING WITH NUT & WASHER HEIGHT=15.8MM  
ISOLATED TYPE



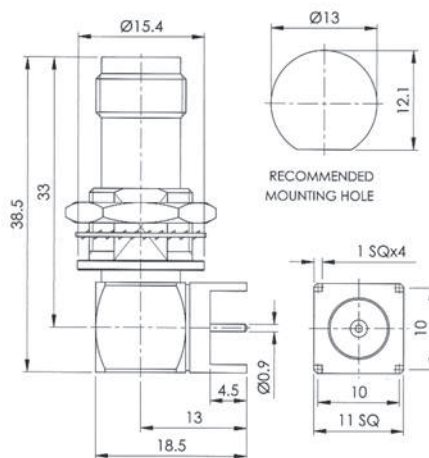
### T358CU-XNGD50

TNC JACK RIGHT ANGLE PCB MOUNT TYPE



### T388CU-XNGD50 T388CU-XNGD75

TNC RIGHT ANGLE BULKHEAD PCB MOUNT JACK

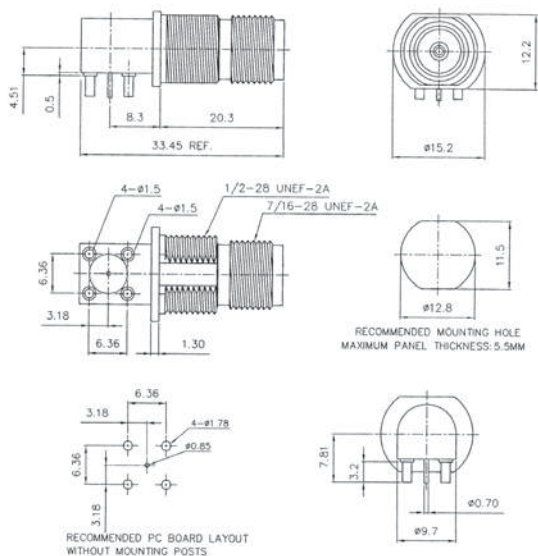




## TNC JACK RIGHT ANGLE PCB MOUNT TYPE (2)

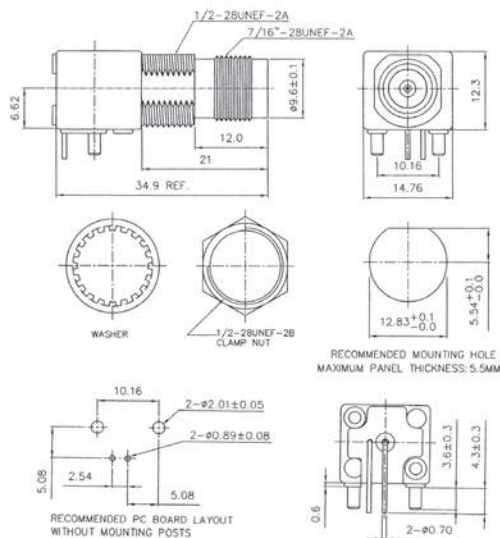
### T372ZN-XNGD50 T372ZN-XNGD75

TNC RIGHT ANGLE PCB MOUNT JACK METAL BODY WITH NUT & WASHER LENGTH=33.45MM, HEIGHT=12.2MM



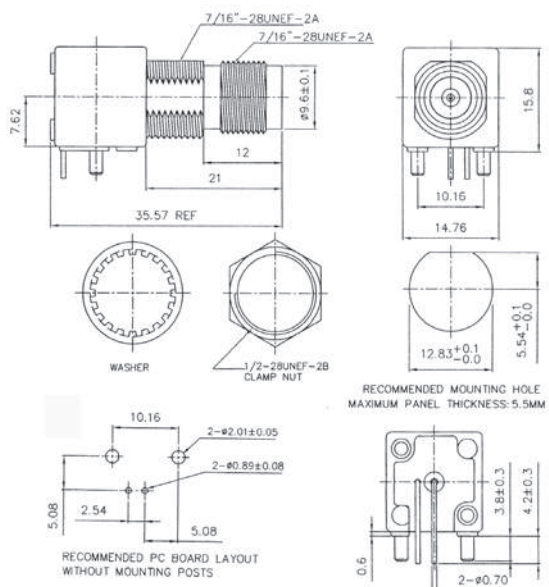
### T373ZN-XNGH50 T373ZN-XNGH75

TNC RIGHT ANGLE PCB MOUNT JACK METAL BODY WITH NUT & WASHER HEIGHT=12.3MM



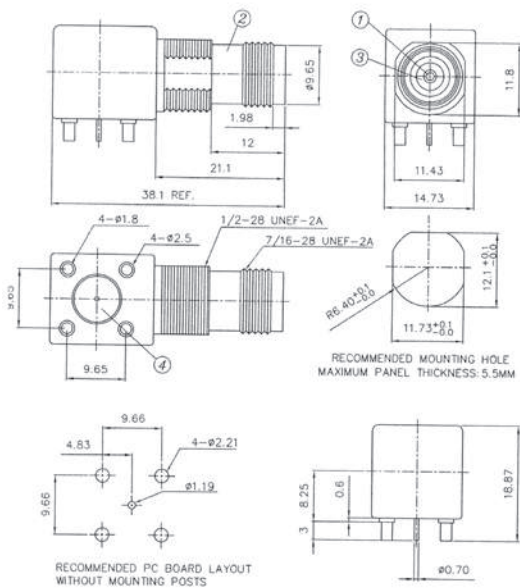
### T374ZN-XNGH50 T374ZN-XNGH75

TNC RIGHT ANGLE PCB MOUNT JACK METAL BODY WITH NUT & WASHER HEIGHT=15.8MM



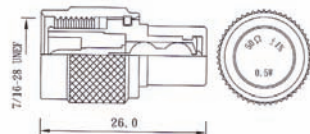
### T375ZN-XNGT50 T375ZN-XNGT75

TNC RIGHT ANGLE PCB MOUNT JACK METAL BODY WITH NUT & WASHER LENGTH=38.1MM, HEIGHT=11.8MM



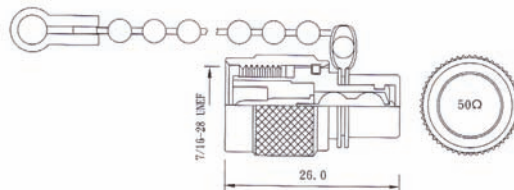
## TNC TERMINATOR & PROTECTIVE CAP

**T268CU-XNGD50** (50 OHMS)  
**T269CU-XNGD75** (75 OHMS)  
**T270CU-XNGT93** (93 OHMS)  
 TNC MALE TERMINATOR WITH PLASTIC END CAP

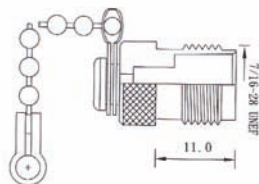


Terminators: 50Ω/75Ω/93Ω ( 0.5W +/-1%)

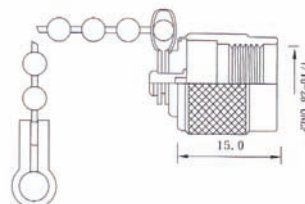
**T277CU-XNGD50** (DELTRIN INSULATION)  
**T277CU-XNGD75** (DELTRIN INSULATION)  
**T277CU-XNGD93** (DELTRIN INSULATION)  
**T277CU-XNGT50** (TEFLON INSULATION)  
**T277CU-XNGT75** (TEFLON INSULATION)  
**T277CU-XNGT93** (TEFLON INSULATION)  
 TNC MALE TERMINATOR WITH BRASS END CAP & CHAIN



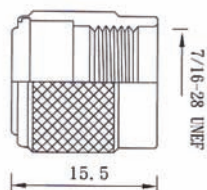
**T206CU-XNXX**  
 TNC PROTECTIVE CAP WITH CHAIN FOR MALE CONNECTOR



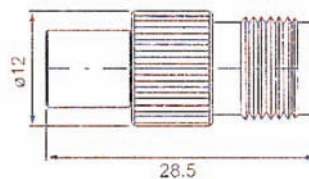
**T207CU-XNXX**  
 TNC PROTECTIVE CAP WITH CHAIN FOR FEMALE CONNECTOR



**T222CU-XNXX**  
 TNC PROTECTIVE CAP FOR FEMALE CONNECTOR

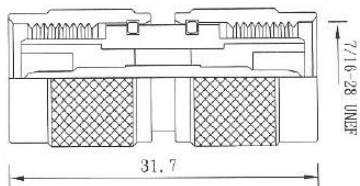


**T417CU-XNGD50** (50 OHMS)  
**T417CU-XNGD75** (75 OHMS)  
**T417CU-XNGT93** (93 OHMS)  
 TNC FEMALE TERMINATOR

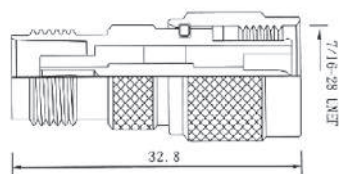


## TNC TO N & IN-SERIES ADAPTORS

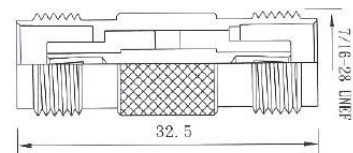
**T248CU-XNGD50**  
**T248CU-XNGD75**  
 TNC DOUBLE MALE



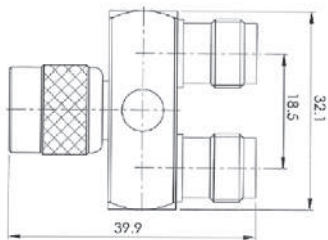
**T226CU-XNGD50**  
**T226CU-XNGD75**  
 TNC MALE TO TNC FEMALE



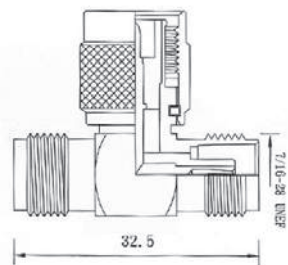
**T216CU-XNGD50**  
**T216CU-XNGD75**  
 TNC DOUBLE FEMALE



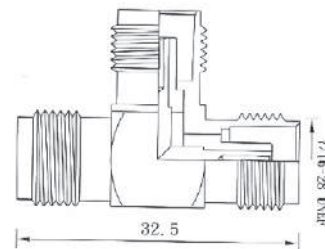
**T390CU-XNGD50**  
**T390CU-XNGD75**  
 TNC MALE TO  
 TNC DOUBLE FEMALE



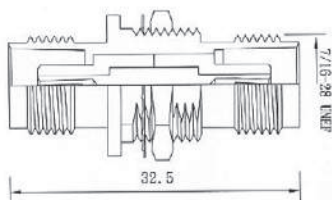
**T218CU-XNGD50**  
**T218CU-XNGD75**  
 TNC MALE TO  
 TNC DOUBLE FEMALE



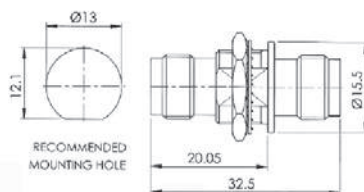
**T219CU-XNGD50**  
**T219CU-XNGD75**  
 TNC TRIPLE FEMALE



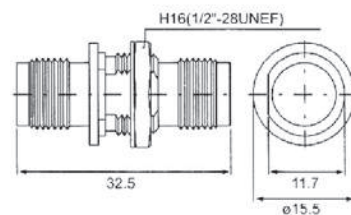
**T250CU-XNGD50**  
**T250CU-XNGD75**  
 TNC DOUBLE FEMALE  
 BULKHEAD TYPE



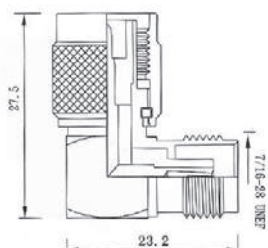
**T389CU-XNGD50**  
**T389CU-XNGD75**  
 TNC DOUBLE FEMALE  
 ISOLATED BULKHEAD TYPE



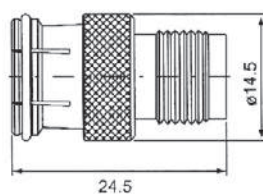
**T422CU-XNGD50**  
**T422CU-XNGD75**  
 TNC DOUBLE FEMALE  
 BULKHEAD TYPE



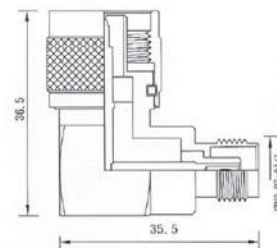
**T217CU-XNGD50**  
**T217CU-XNGD75**  
 TNC MALE TO TNC FEMALE  
 RIGHT ANGLE TYPE



**T416CU-XNGD50**  
**T416CU-XNGD75**  
 TNC FEMALE TO  
 TNC QUICK MALE

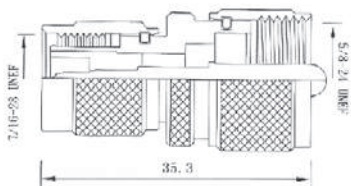


**N423CU-XNGD50**  
 N MALE TO TNC FEMALE  
 RIGHT ANGLE TYPE

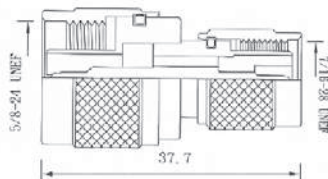


# TNC TO UHF/N/F ADAPTORS

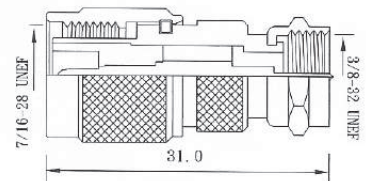
**T223CU-XNGD50**  
TNC MALE TO UHF MALE



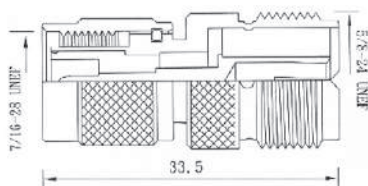
**T252CU-XNGD50**  
**T252CU-XNGD75**  
TNC MALE TO N MALE



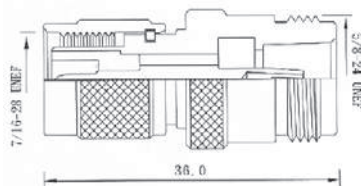
**T228CU-XNGD75**  
TNC MALE TO F MALE



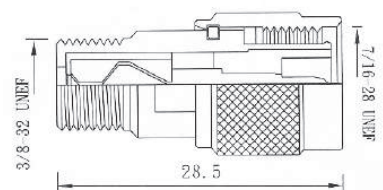
**T224CU-XNGD50**  
TNC MALE TO UHF FEMALE



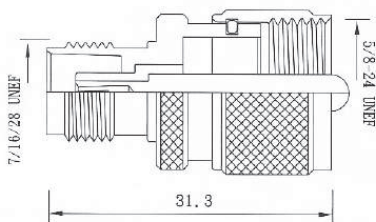
**T230CU-XNGD50**  
**T230CU-XNGD75**  
TNC MALE TO N FEMALE



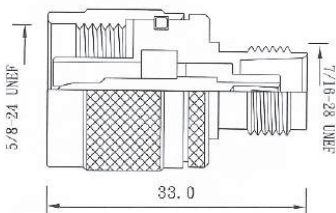
**T225CU-XNGD75**  
TNC MALE TO F FEMALE



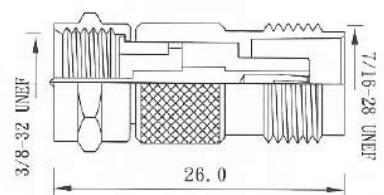
**T258CU-XNGD50**  
TNC FEMALE TO UHF MALE



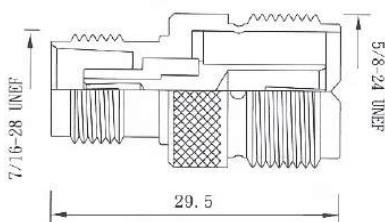
**T251CU-XNGD50**  
**T251CU-XNGD75**  
TNC FEMALE TO N MALE



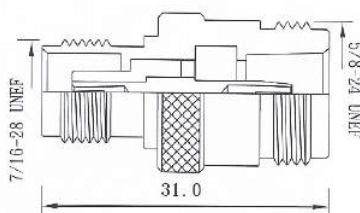
**T232CU-XNGD75**  
TNC FEMALE TO F MALE



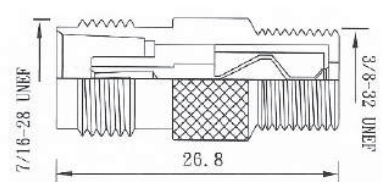
**T227CU-XNGD50**  
TNC FEMALE TO UHF FEMALE



**T253CU-XNGD50**  
**T253CU-XNGD75**  
TNC FEMALE TO N FEMALE



**T220CU-XNGD75**  
TNC FEMALE TO F FEMALE

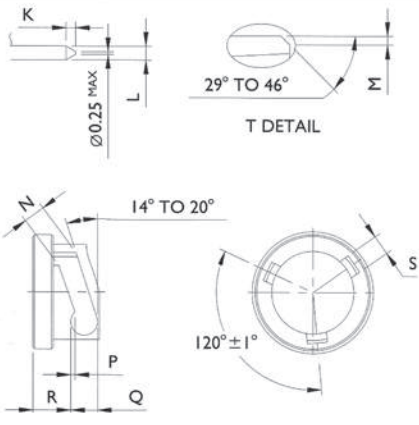
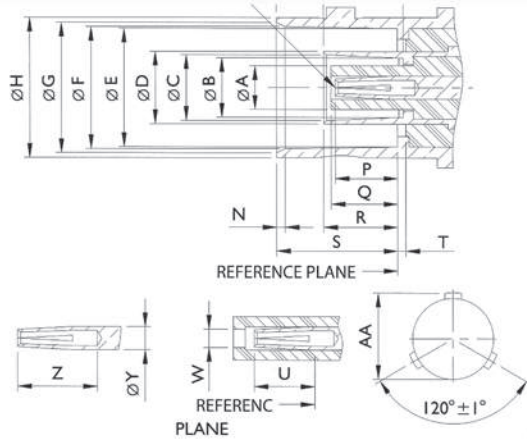
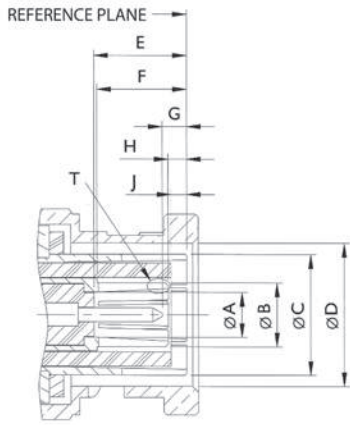




# TRB SERIES CONNECTORS & ADAPTORS

TRB connectors, designed and manufactured to meet the requirements of MIL-C-49142, are compact, triaxial connectors with three-stud bayonet coupling. They are similar in size to BNC connectors and can be used with a wide range of twin-axial and triaxial cables. Their three-stud mating prevents rocking of mated pairs and ensures the low leakage and excellent shielding required in data-bus and other high-speed digital applications.

## INTERFACE MATING DIMENSIONS



PLUG		
Letter	Millimeters	
	Minimum	Maximum
A	3.12	-
B	SEE NOTE 1	
C	SEE NOTE 1	
D	9.78	9.91
E	5.41	-
F	5.41	6.15
G	0.2	1.07
H	0.18	0.84
J	0.03	-
K	1.04	1.55
L	0.94	0.99
M	0.13	0.25
N	2.13	2.46
P	0.46	0.56
Q	3.15	-
R	4.57	4.67
S	2.31	2.46

JACK		
Letter	Millimeters	
	Minimum	Maximum
A	2.97	3.10
B	4.29	4.34
C	4.52	4.62
D	4.95	5.05
E	8.10	8.15
F	8.31	8.46
G	8.79	9.04
H	9.60	9.70
J	10.52	-
K	5.18	5.28
L	5.23	5.41
M	1.90	2.06
N	0.38	0.76
P	4.19	5.16
Q	-	5.41
R	4.75	5.41
S	8.31	8.51
T	0.03	-
W	1.02	1.09
U	3.38	4.19
Y	1.57	1.63
Z	5.08	-
AA	10.97	11.07

NOTE 1: FLARED TO MEET MATING CHARACTERISTIC TEST.  
 2: I.D. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH 0.94/0.99 MM DIA. PIN.

## SPECIFICATIONS

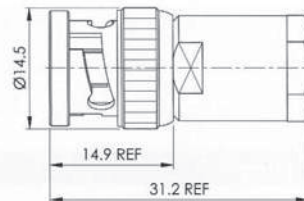
Electrical	
Frequency Range	0 - 500 MHz
Working Voltage	400 VRMS max.
Dielectric Withstanding Voltage	1200 VRMS min.
Insulator Resistance	5000 Megohms min.

Material		
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Nickel 70 micro-inches
Outer Contact (Plug)	Brass per QQ-B-626	Gold 3 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Gold 3 micro-inches
	Female: Beryllium copper per QQ-C-530	Gold 3 micro-inches
Insulators	Teflon	None
Crimp Ferrules	Annealed Brass	Nickel 70 micro-inches.

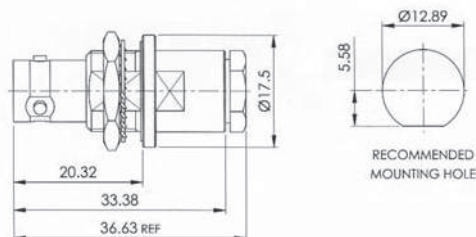


## TRB JACK/PLUG CLAMP TYPE

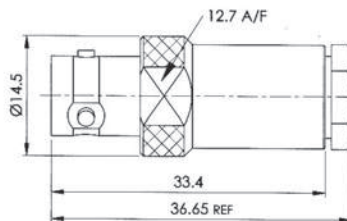
### TB601CU-\*NGT50 TRB PLUG CLAMP TYPE



### TB602CU-\*NGT50 TRB JACK CLAMP BULKHEAD TYPE



### TB603CU-\*NGT50 TRB JACK CLAMP TYPE



## ORDERING INFORMATION:

P/N T B x x x C U - x N G T 5 0

2 3 4 5 6 7 8

2. CONNECTOR CODE :

TB601, TB602, TB603

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"x" UPON REQUEST!

\*SEE PAGE H0002 FOR THE OTHERS!

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"T" TEFLON

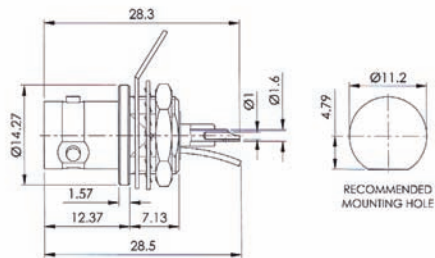
8. IMPEDANCE:

"50" 50 OHMS

## TRB SOLDER JACKS & ADAPTORS

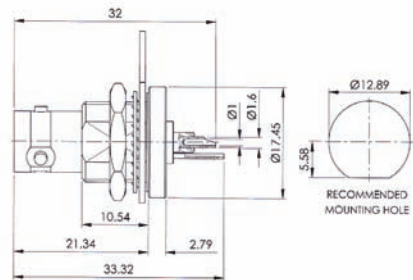
### TB604CU-XNGT50

TRB JACK BULKHEAD SOLDER REAR MOUNT TYPE



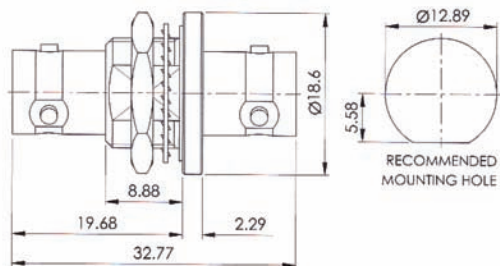
### TB605CU-XNGT50

TRB JACK BULKHEAD SOLDER FRONT MOUNT TYPE



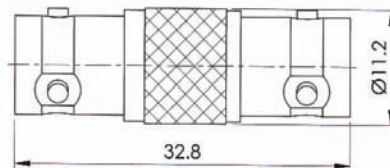
### TB606CU-XNGT50

TRB DOUBLE FEMALE BULKHEAD TYPE ADAPTOR



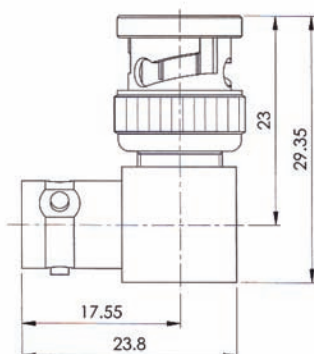
### TB607CU-XNGT50

TRB DOUBLE FEMALE ADAPTOR



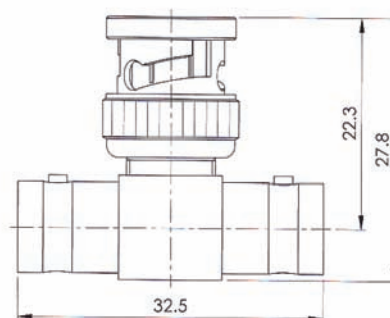
### TB608CU-XNGT50

TRB MALE TO TRB FEMALE RIGHT ANGLE TYPE ADAPTOR



### TB609CU-XNGT50

TRB MALE TO TRB DOUBLE FEMALE ADAPTOR



## TWINAX SERIES CONNECTORS & ADAPTORS

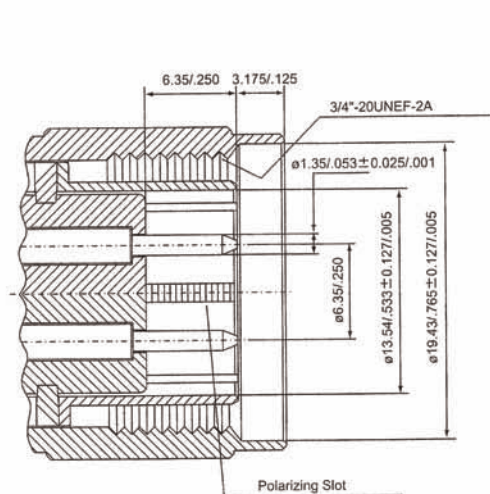
### 0- 200MHz

TWINAX connectors are twin contact connectors utilized with 78, 95 and 100 ohm twin conductor cables. Due to improved shielding characteristics, these connectors are used in balanced low level and high sensitivity circuits.

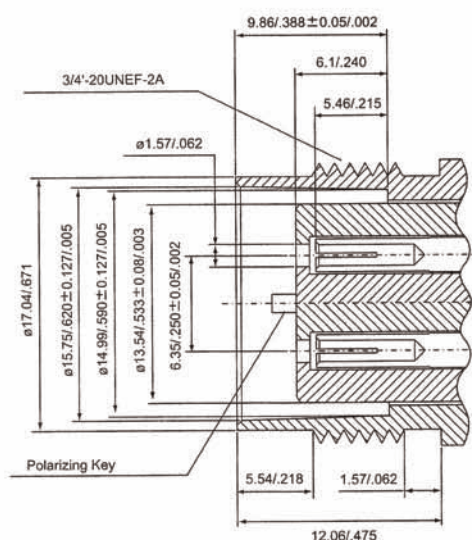
TWINAX connectors are designed with polarized key and the construction for greater strength and superior electrical performance for operation from DC to 200MHz.

Terminations are available in crimp, clamp and solder styles.

### Interface Dimensions:



*Plug(male)*



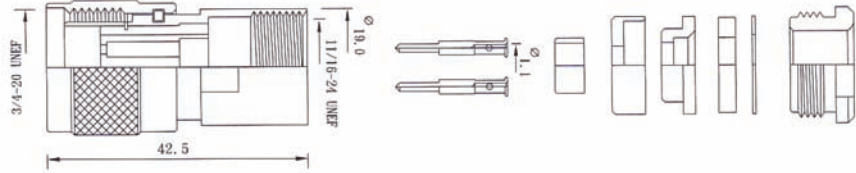
*Jack(female)*

### Electrical:

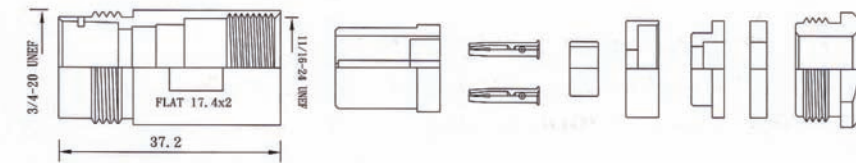
Impedance	78,95 and 100 ohm twin conductor cables
Frequency Range	0-200 MHz

## TWINAX CONNECTORS & ADAPTORS (1)

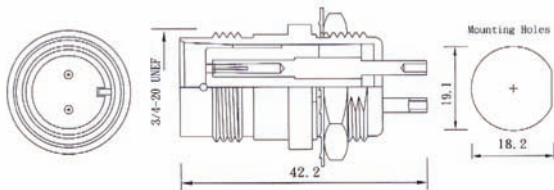
**TN401CU-XNGP00**  
TWINAX PLUG CLAMP TYPE  
WITH GOLD/SILVER PLATED  
CONTACTS



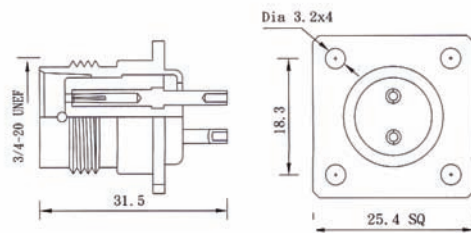
**TN402CU-XNGP00**  
TWINAX JACK CLAMP TYPE



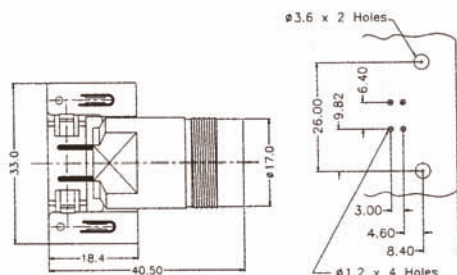
**TN404CU-XNGP00**  
TWINAX JACK BULKHEAD TYPE WITH GOLD/SILVER  
PLATED CONTACTS



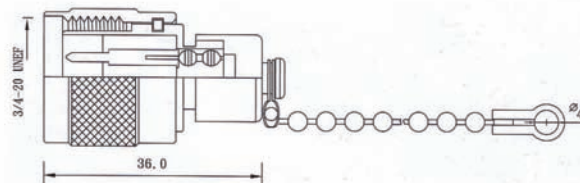
**TN405CU-XNGP00**  
TWINAX JACK PANEL MOUNT TYPE WITH  
GOLD/SILVER PLATED CONTACTS



**TN428CU-XNGP00**  
TWINAX JACK RIGHT ANGLE PCB MOUNT TYPE

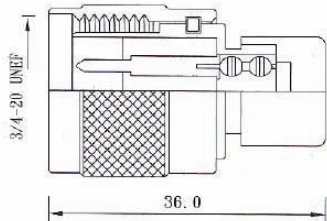


**TN410CU-XNGP100**  
TWINAX MALE TERMINATOR 100 OHMS  
WITH CHAIN

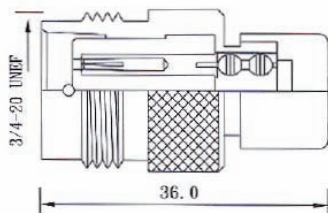


## TWINAX CONNECTORS & ADAPTORS (2)

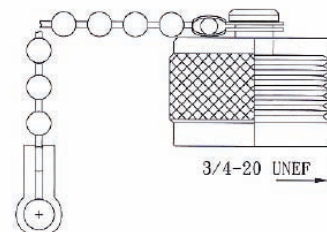
**TN409CU-XNGP100**  
TWINAX MALE  
TERMINATOR 100 OHMS



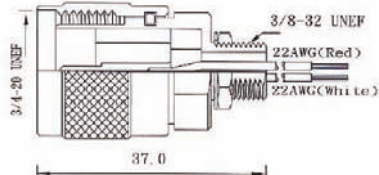
**TN416CU-XNGP100**  
TWINAX FEMALE  
TERMINATOR 100 OHMS



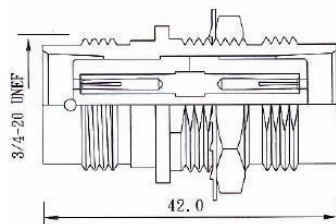
**TN411CU-XNXX**  
TWINAX PROTECTIVE CAP  
FOR TWINAX JACK



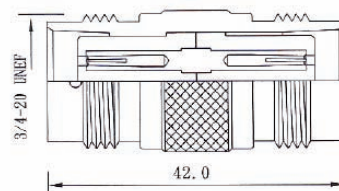
**TN414CU-XNGP00**  
TWINAX PLUG  
BULKHEAD TYPE  
WITH AWG22 WIRES



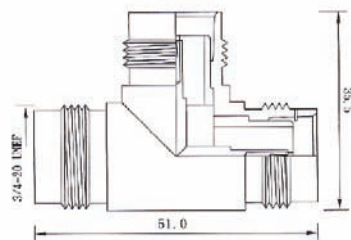
**TN412CU-XNGP00**  
TWINAX DOUBLE FEMALE  
BULKHEAD TYPE  
WITH GOLD / SILVER PATED  
CONTACTS



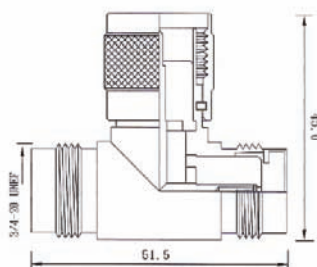
**TN403CU-XNGP00**  
TWINAX DOUBLE FEMALE



**TN406CU-XNGP00**  
TWINAX TRIPLE FEMALE



**TN408CU-XNGP00**  
TWINAX MALE TO  
TWINAX DOUBLE FEMALE





## UHF SERIES CONNECTORS & ADAPTORS

### 50 Ohm 0-300MHz

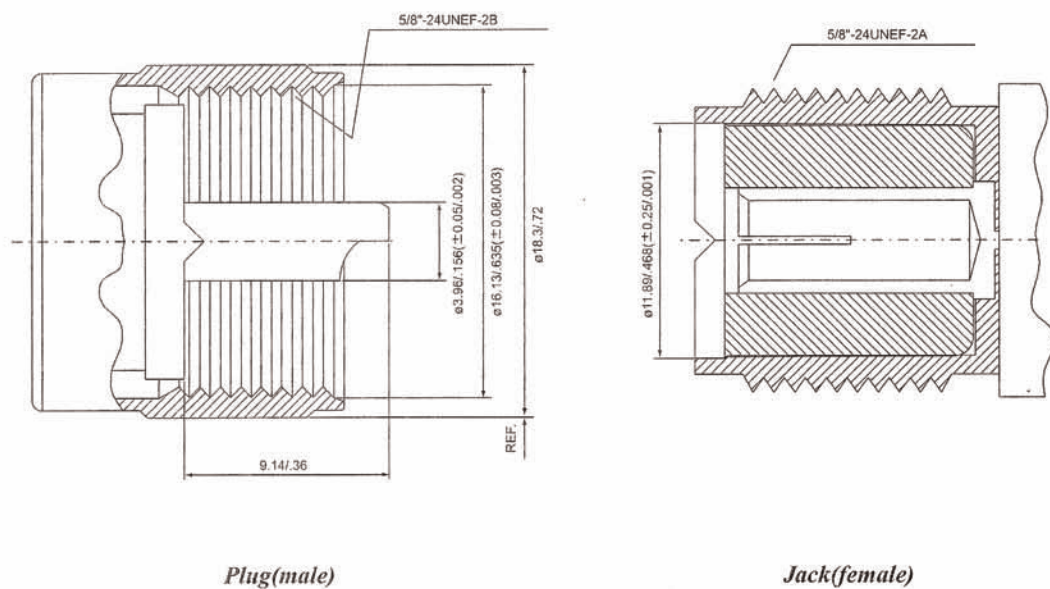
UHF coaxial connectors are popular, economical and one of the first RF connector series to be developed.

They're a general purpose, non-constant impedance connectors and operate from DC to 300 MHz.

The 5/8"-24 thread coupling and crimp, clamp, twist-on and solder termination provide the UHF with the flexibility that have kept it one of the most popular coaxial connectors over the years.

Low frequency devices are antenna connections for CB radios, public address systems, audio, video, radio and test equipment.

### Interface Dimensions:



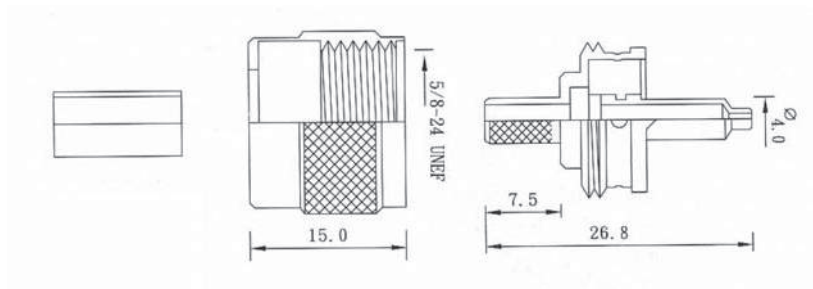
### Electrical:

Impedance	Non-constant
Frequency Range	0 to 300 MHz

## UHF PLUG CRIMP TYPE

### U517CU-\*NG\*00

UHF PLUG CRIMP TYPE

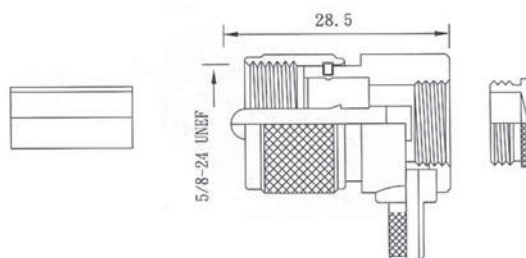


**Applicable Cable**

RG/58/59/6/213/214U

### U712CU-\*NG\*00

UHF PLUG CRIMP RIGHT  
ANGLE TYPE



## ORDERING INFORMATION:

P/N U<sub>2</sub> xxx<sub>3</sub> C<sub>4</sub> U<sub>5</sub> - x<sub>6</sub> N<sub>7</sub> G<sub>8</sub> x<sub>0</sub> 0<sub>0</sub>

2. CONNECTOR CODE :

U517, U712

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"B" RG213/U, B8267

"C" RG214/U, B8268

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

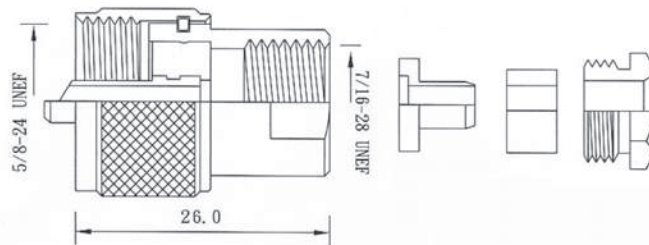
"00" NON-CONSTANT

\*SEE PAGE H0002 FOR THE OTHERS!

## UHF PLUG CLAMP TYPE

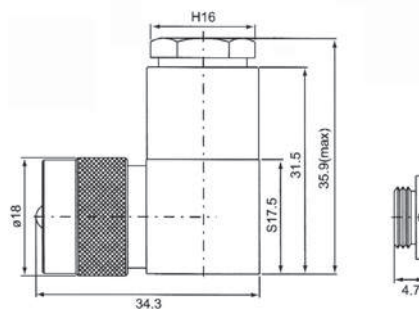
### U515CU-\*NG\*00

UHF PLUG CLAMP TYPE



### U723CU-\*NG\*00

UHF PLUG CLAMP  
RIGHT ANGLE TYPE FOR  
RG58/U CABLE



## ORDERING INFORMATION:

P/N  $\frac{U}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{NG}{6} \frac{x}{7} \frac{00}{8}$

2. CONNECTOR CODE :

U515, U723

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"B" RG213/U, B8267

"C" RG214/U, B8268

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

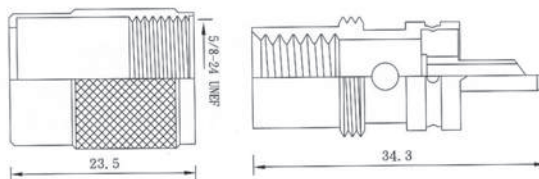
"00" NON-CONSTANT

\*SEE PAGE H0002 FOR THE OTHERS!

## UHF PLUG TWIST ON TYPE

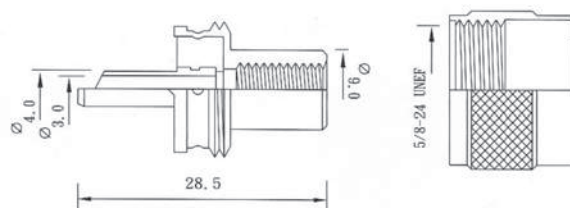
### U520\*\*-BNG\*00

UHF PLUG TWIST-ON  
TYPE (PL-259) FOR  
RG213/U CABLE BODY:  
BRASS & ZINC



### U537CU-\*NG\*00

UHF PLUG TWIST-ON  
SHORT TYPE

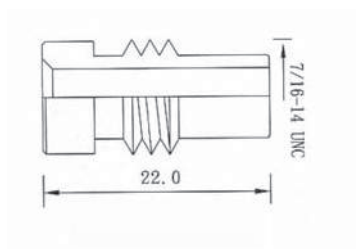


### U521CU-\*NND00

UHF REDUCER FOR PL-  
259 L=22.0MM

### U534CU-\*NND00

DITTO, BUT L=25.0MM



## ORDERING INFORMATION:

P/N  $\frac{U}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{N}{6} \frac{xx}{7} \frac{00}{8}$

2. CONNECTOR CODE :  
U520, U537, U521, U534
3. BODY MATERIAL:  
"CU" BRASS  
"ZN" ZINC (FOR U520)
4. CABLE GROUP CODE:  
"F" RG58/U, RG141/U  
"G" RG59/U, RG62/U  
"B" RG213/U, B8267  
"C" RG214/U, B8268

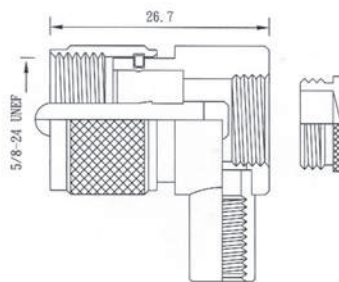
5. BODY FINISH:  
"N" NICKEL PLATED  
"S" SILVER PLATED
6. CENTER PIN FINISH:  
"G" GOLD PLATED  
"N" NICKEL PLATED
7. INSULATION:  
"D" DELRIN  
"T" TEFLON
8. IMPEDANCE:  
"00" NON-CONSTANT

\*SEE PAGE H0002 FOR THE OTHERS!

## UHF PLUG/JACK RIGHT ANGLE TWIST ON TYPE

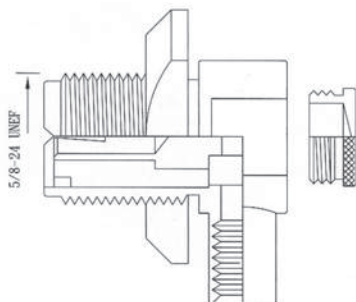
### U518CU-\*NG\*00

UHF PLUG TWIST-ON  
RIGHT ANGLE TYPE



### U519CU-\*NG\*00

UHF JACK TWIST-ON  
RIGHT ANGLE TYPE  
BODY: BRASS & ZINC



## ORDERING INFORMATION:

P/N  $\frac{U}{2} \frac{xxx}{3} \frac{CU}{3} - \frac{x}{4} \frac{NG}{5} \frac{x}{6} \frac{00}{7} \frac{00}{8}$

2. CONNECTOR CODE :

U518, U519

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

\*SEE PAGE H0002 FOR THE OTHERS!

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

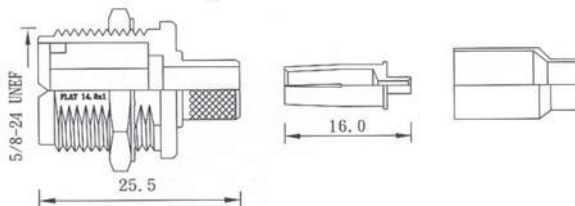
8. IMPEDANCE:

"00" NON-CONSTANT

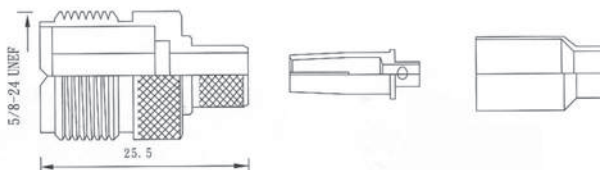


## UHF JACK CRIMP TYPE

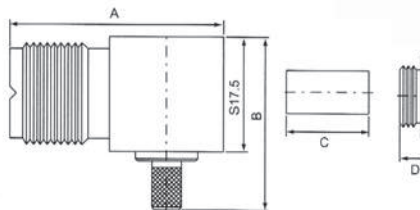
### U722CU-\*NG\*00 UHF JACK CRIMP TYPE



### U742CU-\*NG\*00 UHF JACK CRIMP BULKHEAD TYPE



### U726CU-\*NG\*00 UHF JACK CRIMP RIGHT ANGLE TYPE A/B/C/D=32.8/ 26.5/12.7/4.7MM



## ORDERING INFORMATION:

P/N U<sub>2</sub> xxx<sub>3</sub> C<sub>4</sub> U<sub>5</sub> - x<sub>6</sub> N<sub>7</sub> G<sub>8</sub> x<sub>0</sub> 00<sub>0</sub>

2. CONNECTOR CODE :

U722, U742, U726

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"B" RG213/U, B8267

"L" RG188/U, RG316/U, RG174/U

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

8. IMPEDANCE:

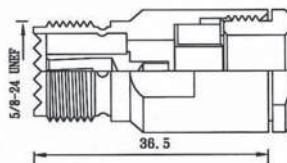
"00" NON-CONSTANT

\*SEE PAGE H0002 FOR THE OTHERS!

## UHF JACK CLAMP TYPE

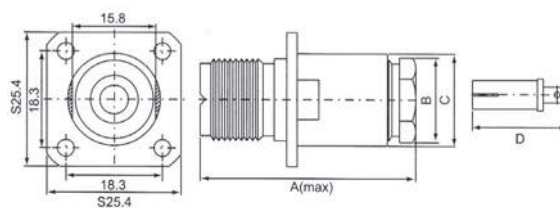
### U713CU-\*NG\*00

UHF JACK CLAMP TYPE



### U730CU-\*NG\*00

UHF JACK CLAMP  
PANEL MOUNT TYPE



## ORDERING INFORMATION:

P/N  $\frac{U}{2} \frac{xxx}{3} \frac{CU}{4} - \frac{x}{5} \frac{NG}{6} \frac{x}{7} \frac{00}{8}$

2. CONNECTOR CODE :

U713, U730

3. BODY MATERIAL:

"CU" BRASS

4. CABLE GROUP CODE:

"F" RG58/U, RG141/U

"G" RG59/U, RG62/U

"B" RG213/U, B8267

"C" RG214/U, B8268

5. BODY FINISH:

"N" NICKEL PLATED

6. CENTER PIN FINISH:

"G" GOLD PLATED

7. INSULATION:

"D" DELRIN

"T" TEFLON

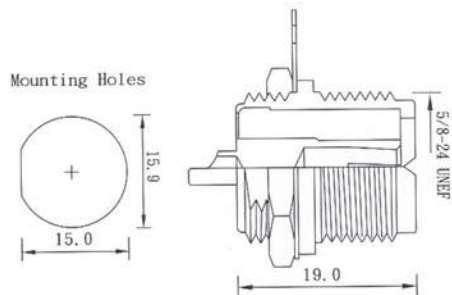
8. IMPEDANCE:

"00" NON-CONSTANT

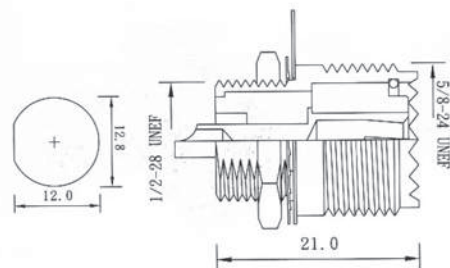
\*SEE PAGE H0002 FOR THE OTHERS!

## UHF JACK SOLDER TYPE (1)

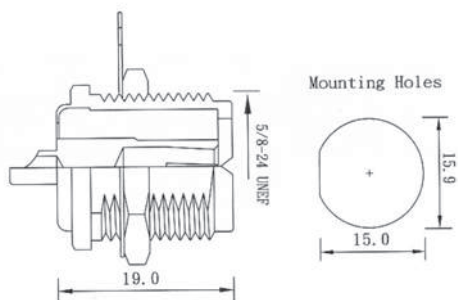
**U504CU-XNGD00** (BRASS BODY)  
**U504CU-XNGT00** (BRASS BODY)  
**U504ZN-XNGD00** (ZINC BODY)  
**U504ZN-XNGT00** (ZINC BODY)  
 UHF JACK REAR MOUNT SOLDER BULKHEAD TYPE



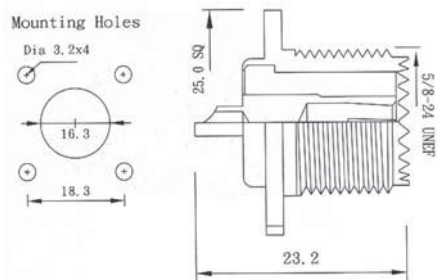
**U720CU-XSST00** (TEFLON)  
 UHF JACK SOLDER BULKHEAD TYPE WITH SILVER  
 PLATED BODY



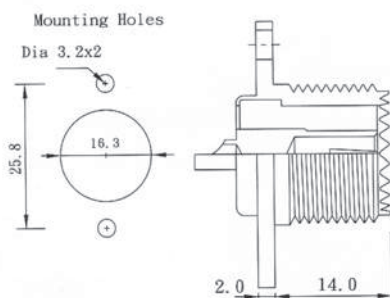
**U706CU-XNGD00** (DELTRIN)  
**U706CU-XNGT00** (TEFLON)  
 UHF JACK FRONT MOUNT SOLDER BULKHEAD TYPE



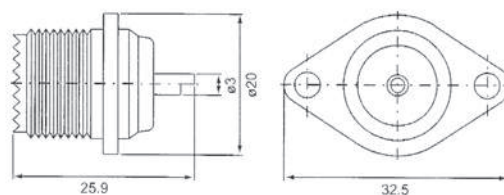
**U505ZN-XNGD00** (DELTRIN)  
**U505ZN-XNGT00** (TEFLON)  
 UHF JACK (SO-239) SOLDER PANEL TYPE (4 HOLES)



**U703ZN-XNGD00** (DELTRIN)  
**U703ZN-XNGT00** (TEFLON)  
 UHF JACK SOLDER PANEL TYPE (2 HOLES)

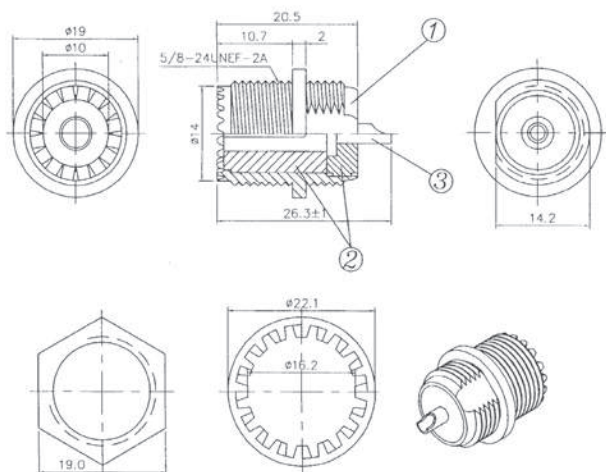


**U735ZN-XNGD00** (DELTRIN)  
**U735ZN-XNGT00** (TEFLON)  
 UHF JACK SOLDER PANEL MOUNT TYPE

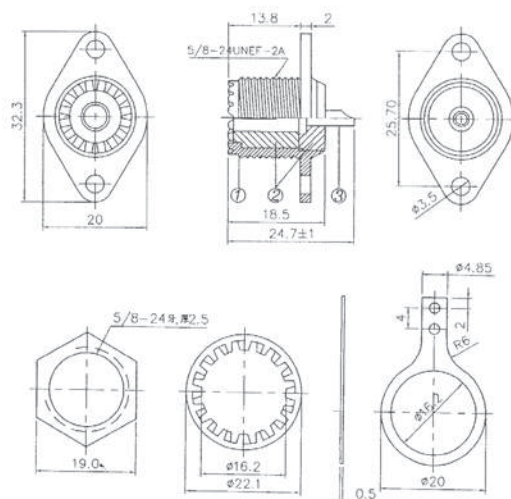


## UHF JACK SOLDER TYPE (2)

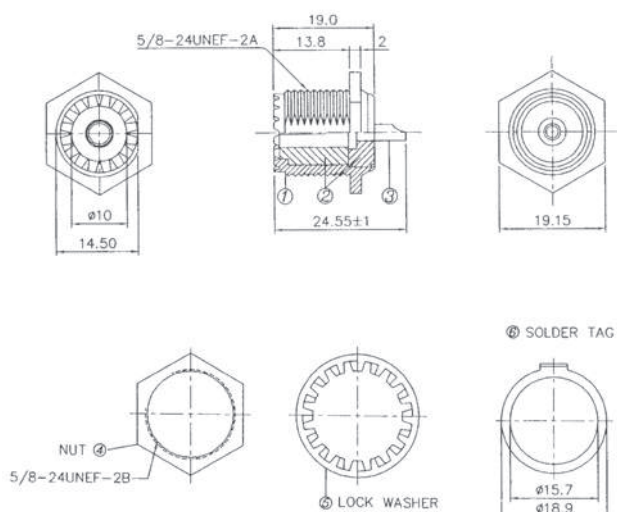
**U738ZN-XNGP00** (GOLD PLATED)  
**U738ZN-XNSP00** (SILBER PLATED)  
**U738ZN-XNTP00** (TIN PLATED)  
 UHF JACK SOLDER TYPE WITH NUT & WASHER



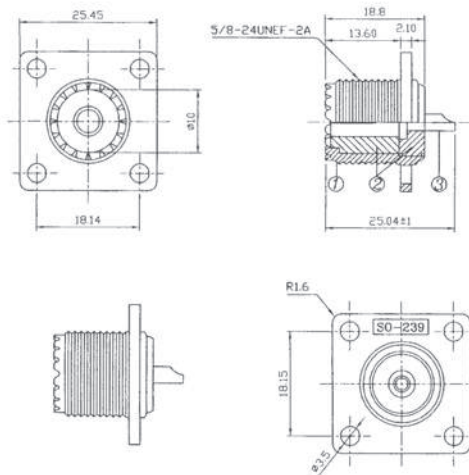
**U739ZN-XNGP00** (GOLD PLATED)  
**U739ZN-XNSP00** (SILBER PLATED)  
**U739ZN-XNTP00** (TIN PLATED)  
 UHF JACK PANEL MOUNT TYPE WITH NUT & WASHER & SOLDER TAG



**U741ZN-XNGP00** (GOLD PLATED)  
**U741ZN-XNSP00** (SILBER PLATED)  
**U741ZN-XNTP00** (TIN PLATED)  
 UHF JACK SOLDER TYPE WITH NUT & WASHER & SOLDER TAG



**U740ZN-XNGP00** (GOLD PLATED)  
**U740ZN-XNSP00** (SILBER PLATED)  
**U740ZN-XNTP00** (TIN PLATED)  
 UHF JACK PANEL MOUNT TYPE

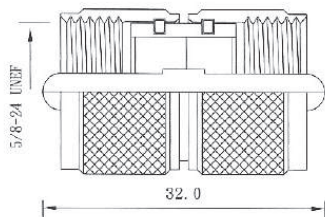


### MATERIAL & FINISH

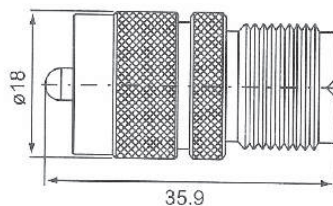
- ① BODY : ZINC ALLOY, NICKEL PLATING
- ② INSULATOR : PBT (94 V-0)
- ③ CENTER CONTACT : BRASS, TIN/SILVER/GOLD PLATING

## UHF TO N & IN-SERIES ADAPTORS

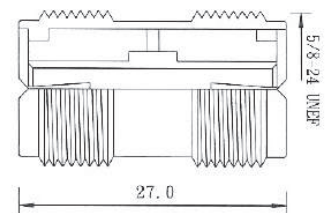
**U503CU-XNGD00**  
UHF DOUBLE MALE



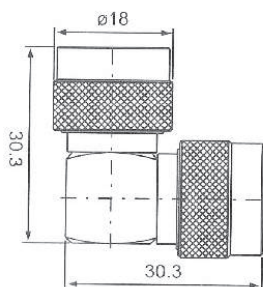
**U736CU-XNGD00**  
UHF MALE TO  
UHF FEMALE



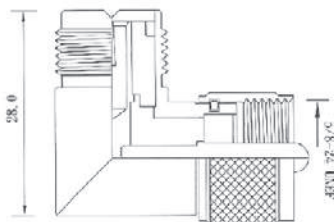
**U502CU-XNGD00**  
UHF DOUBLE FEMALE



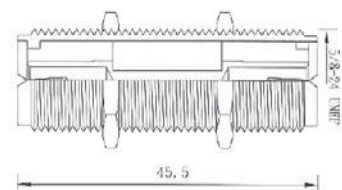
**U737CU-XNGD00**  
UHF DOUBLE MALE  
RIGHT ANGLE TYPE



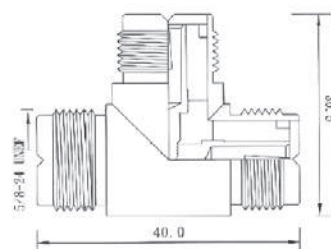
**U509CU-XNGD00**  
UHF MALE TO UHF FEMALE  
RIGHT ANGLE TYPE



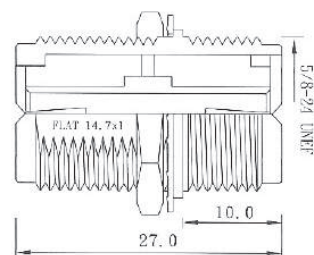
**U506CU-XNGD00**  
UHF DOUBLE FEMALE  
WITH LONG THREAD



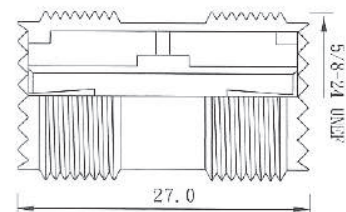
**U508CU-XNGD00**  
UHF TRIPLE FEMALE



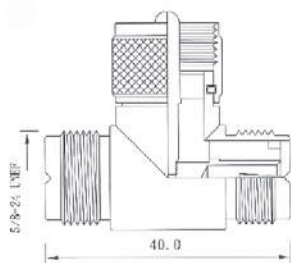
**U744CU-XNGD00**  
UHF DOUBLE FEMALE  
BULKHEAD TYPE



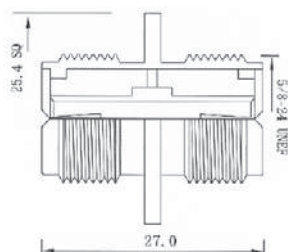
**U745CU-XNGD00**  
UHF DOUBLE FEMALE (16V)



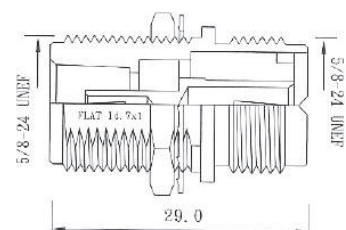
**U507CU-XNGD00**  
UHF MALE TO  
UHF DOUBLE FEMALE



**U746CU-XNGD00**  
UHF DOUBLE FEMALE  
PANEL MOUNT TYPE



**N426CU-XNGD00**  
N FEMALE TO UHF FEMALE  
BULKHEAD TYPE





## CCITT G.703 KRONE & TOOLLESS IDC BALUNS

The Toolless IDC balun is designed to be terminated by hand, without a punch-down tool for faster and easier installation.

- # No AC power or batteries needed
- # Link-to-data isolation: Mini. 250V
- # Bi-directional signal conversion
- # Operating temperature: 0-75°C
- # Ultra-miniature enclosure
- # Typical distance on good quality cable will be 180 meters

BNC female bulkhead with plastic thread



BNC male



1.0/2.3 female bulkhead



BT43 male floating mount



BT43 female



### ORDERING INFORMATION:

P/N B L N  $\frac{XX}{1} - \frac{XX}{2} \frac{XX}{3} \frac{XX}{4} \frac{XX}{5} \frac{XX}{6}$

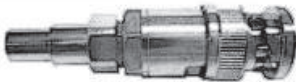
1. BALUN TYPE:
  - "01" KRONE IDC BALUN
  - "02" TOOLESS IDC BALUN
2. CONNECTOR:
  - "BN" BNC
  - "EE" 1.6/5.6
  - "BT" BT43
  - "EB" 1.0/2.3
3. CONNECTOR TYPE:
  - "1" Standard
  - "2" Bulkhead
  - "3" Floating mount (for BT43)
  - "4" Panel mount (for BNC female)
  - "5" Bulkhead with metal thread (for BNC female)
  - "6" Bulkhead with plastic isolated thread (for BNC female)
  - "9" Floating mount HDC (for BT43)
4. GENDER TYPE:
  - "M" MALE
  - "F" FEMALE
5. TRANSMISSION SPEED:
  - "0" 2~8 Mbit/s
  - "1" 2~8~34 Mbit/s
  - "2" 34~155 Mbit/s
6. CABLE (FOR TOOLESS TYPE):
  - "24" AWG 24~26
  - "28" AWG 28~30
  - "30" AWG 30~32

## CCITT G.703 MINI BALUN

The Mini Balun, a fully shielded product which is ideal in applications where size and space are restricted due to small dimension. They are intended for panel or cable mounting and feature IDC termination allowing installation without special tools. They are available in three versions: 2-8Mbit/s, 2-8-34 Mbit/s, 2-8-34 Mbit/s or 34 to 155Mbit/s. These mini Balun surface mount transformers are replacements to traditional coaxial, ceramic and printed circuit board baluns. Designed for matching to the differential inputs and outputs of modern chipsets. Conversion to twisted pair cabling enables the use of high density IDC modules in digital Distribution Frames thus decreasing wiring densities more than 5 times.

- # No AC power or batteries needed
- # Link-to-data isolation: Mini. 250V
- # Bi-directional signal conversion
- # Operating temperature: 0-75°C
- # Ultra-miniature enclosure
- # Typical distance on good quality cable will be 180 meters

BNC male



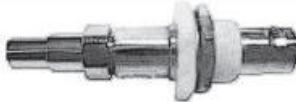
1.6/5.6 male



1.0/2.3 male



BNC female bulkhead with plastic thread



1.6/5.6 female bulkhead



1.0/2.3 female bulkhead



### ORDERING INFORMATION:

P/N BLN 0 3 - x x x x x x  
1 2 3 4 5 6

1. BALUN TYPE:

"03" MINI BALUN

2. CONNECTOR:

"BN" BNC

"EE" 1.6/5.6

"BT" BT43

"EB" 1.0/2.3

3. CONNECTOR TYPE:

"1" Standard

"2" Bulkhead

"3" Floating mount (for BT43)

"4" Panel mount (for BNC female)

"5" Bulkhead with metal thread (for BNC female)

"6" Bulkhead with plastic isolated thread (for BNC female)

"9" Floating mount HDC (for BT43)

4. GENDER TYPE:

"M" MALE

"F" FEMALE

5. TRANSMISSION SPEED:

"0" 2~8 Mbit/s

"1" 2~8~34 Mbit/s

"2" 34~155 Mbit/s

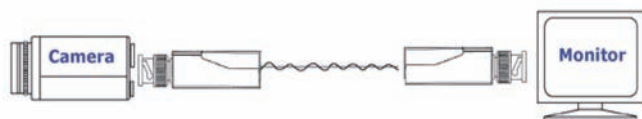
6. CABLE TYPE:

"24" AWG 24~26

"28" AWG 28~30

"30" AWG 30~32

## CCTV BALUN TOOLLESS IDC TYPE WITH COVER

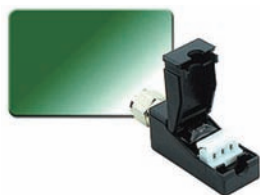


The CCTV Video Balun allows base-band composite video signals to be transmitted via a single unshielded twisted pair (UTP) cable for more versatile cabling. The CCTV Balun is used in pairs to allow you to eliminate more expensive coaxial cable, including coupling signals from remote video cameras to display systems, video capture, security and surveillance monitoring applications.

The use of existing twisted pair infrastructure such as telephone cable and cat.5 computer networking cables are also available. All our Baluns are 100% test for reliability and durability to guarantee your signal integrity.

### Features:

1. No punch down tool is needed.
2. No power is needed.
3. Cable is held well by cover better than traditional screw type.
4. The Balun is a passive type, it works as a transceiver, can be used for transmitting or receiving signals.



### SPECIFICATIONS

#### Cable-UTP:

Cat. 5e or better, #24 AWG typical  
Impedance: 100 ohms at 1MHz.  
Max. capacitance: 20pf/ft  
Attenuation: 6.6dB/1000ft at 1MHz

#### Cable-BNC:

75ohm at 1MHz (RG59/U)  
Max. 25ft. of coax allowed per end to end link

#### Maximum distance:

Color: Cat.5 2230ft (680 meters)  
Monochrome: Cat.5 2550ft (780 Meter)

#### Environment required:

Operating temp. 0 to 55° C  
Storage temp. -22 to 85°C  
Humidity up to 95%

### ELECTRICAL CHARACTERISTICS & PERFORMANCES

#### Bandwidth:

Video DC to 8MHz

#### Maximum input:

1.1Vp-p

#### Impedance:

75 ohm to 100 ohm (or 120ohm on request)

#### Insertion loss:

Max. 2dB per pair over the frequency range

#### Return loss:

Greater than 15dB over the frequency range

#### Common mode rejection:

Greater than 40dB at 8MHz

## ORDERING INFORMATION:

**P/N B L N 1 1 - B N C M**

CCTV BALUN WITH BNC MALE

**P/N B L N 1 1 - B N C F**

CCTV BALUN WITH BNC FEMALE

**P/N B L N 1 2 - R C A M**

CCTV BALUN WITH RCA MALE

**P/N B L N 1 2 - R C A F**

CCTV BALUN WITH RCA FEMALE

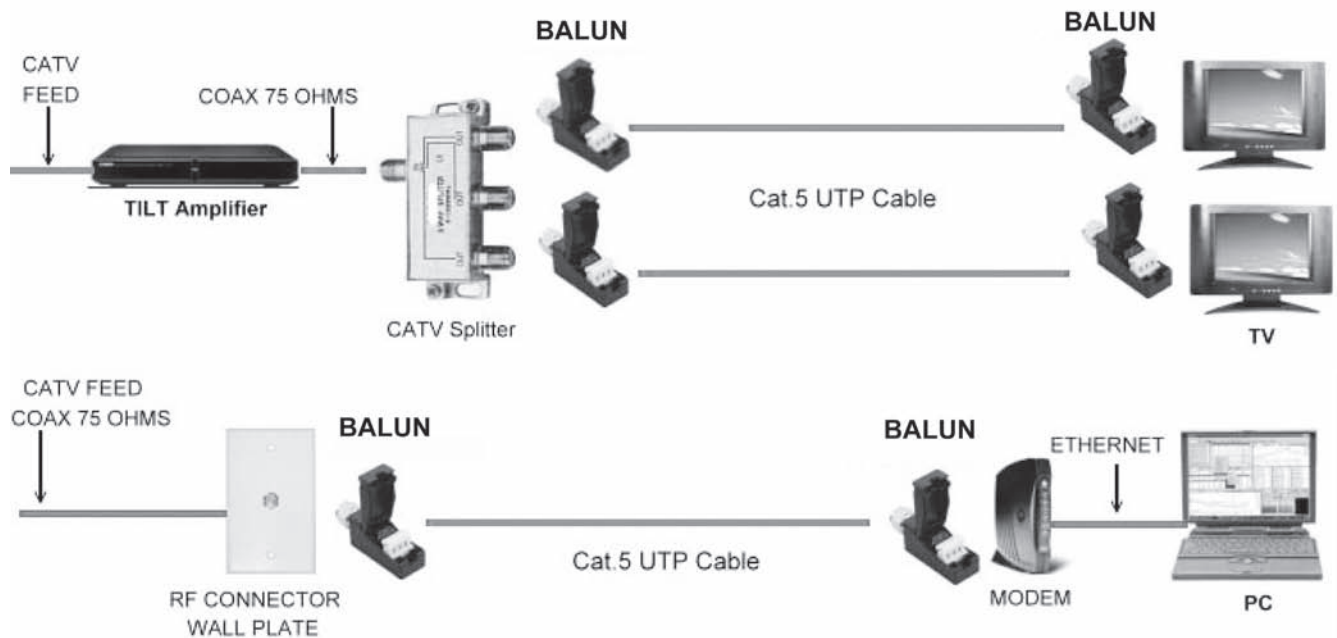
**P/N B L N 1 3 - B M 1 . 8 M**

CCTV BALUN WITH 1.8M CABLE TO BNC MALE

**P/N B L N 1 4 - R M 1 . 8 M**

CCTV BALUN WITH 1.8M CABLE TO RCA MALE

## CATV BALUN TOOLLESS IDC TYPE WITH COVER



### CATV Tooless balun with cover.

This balun is the tooless version but with a cover to protect the IDC termination. Just like the tooless version, no need to use tools, just insert the wires in the IDC termination and push down the cover, that's it!

Our CATV balun works with Cat.5 UTP cable which replace expensive 75 ohm coaxial cable.

Our balun saves the extra cost of expensive coaxial cable and can connect RF Video equipment to TV, monitors, video-projector, etc...It works in conjunction with RF splitters, amplifiers and cable modems.

### Features:

No AC power or batteries needed

Bi-directional signal conversion

Ultra-miniature enclosure

maximum distance: 60 meters via a Cat5 cable, 100 meters with amplifier!

### ORDERING INFORMATION:

**P/N B L N 2 1 - F M**

CATV BALUN WITH F MALE

**P/N B L N 2 1 - F F**

CATV BALUN WITH F FEMALE

**P/N B L N 2 2 - P A L M**

CATV BALUN WITH PAL (IEC) MALE

**P/N B L N 2 2 - P A L F**

CATV BALUN WITH PAL (IEC) FEMALE



## MULTIMEDIA KEYSTONE INSERT

 <p><b>KSR1*-00</b> W/O CONNECTOR</p>	 <p><b>KSR2*-00</b> W/O CONNECTOR</p>	 <p><b>KSR3*-00</b> W/O CONNECTOR</p>	 <p><b>KSR2*-BPG*</b> BINDING POST</p>
 <p><b>KSR2*-FF*0</b> F COUPLER</p>	 <p><b>KSR2*-FRG*</b> RCA TO F</p>	 <p><b>KSR2*-FPN0</b> F TO PAL (IEC)</p>	 <p><b>KSR2*-RRG*</b> RCA COUPLER</p>
 <p><b>KSR3*-BBN0</b> BNC COUPLER</p>	 <p><b>KSR3*-MD4N0</b> MD4F COUPLER</p>	 <p><b>KSR3*-RRN*</b> RCA COUPLER</p>	<p>KEYSTONE INSERT WITH HDMI, USB2.0, USB3.0 &amp; 3.5MM STEREO JACK UPON REQUEST!</p>

### ORDERING INFORMATION:

P/N **KSR**  $\frac{\text{xx}}{12} - \frac{\text{xxxx}}{345}$

- HOUSING TYPE:  
1, 2, 3
- HOUSING COLOR:  
"B" BLACK  
"W" WHITE
- USED CONNECTOR:  
"00" WITHOUT CONNECTOR  
"BP" BINDING POST  
"FF" F JACK TO F JACK  
"FR" F JACK TO RCA (CINCH) JACK  
"FP" F JACK TO PAL (IEC) JACK  
"RR" RCA (CINCH) COUPLER  
"BB" BNC JACK TO BNC JACK  
"MD4" MINI DIN 4 PIN COUPLER
- BODY FINISH OF CONNECTOR:  
"N" NICKEL PLATED  
"G" GOLD PLATED
- CODED COLOR OF CONNECTOR:  
"R" RED  
"W" WHITE  
"Y" YELLOW  
"U" BLUE  
"N" GREEN  
"O" NONE



# PROFESSIONAL CRIMPING TOOL RATCHET TYPE (1)

**HT-336FM**  
(Frame only)

**SPECIFICATION:**

- \* Item No : HT-336FM
- \* Crimping Range :
- \* Length : 8.7"(220mm)
- \* Weight : 430g
- \* Material :  
Frame - Middle Carbon Steel.
- \* Finished :  
Black Oxide Finished With Hardened

**HT-513FM**  
(Frame only)

**Specification :**

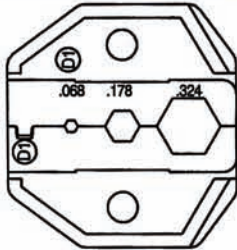
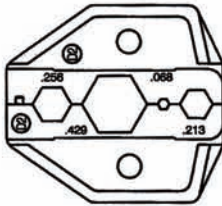
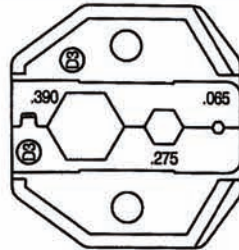
- \* Item No : HT-513FM
- \* Function :  
Crimping Tool frame
- \* Length : 9" (229mm)
- \* Weight : 540g
- \* Material :  
Frame - Middle Carbon Steel.
- \* Finished :  
Black Oxide Finished With Hardened
- \* Handles :  
Black - TPR (Pantone# 426C)  
Red - PP (Pantone#1795C)

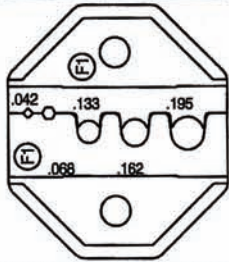
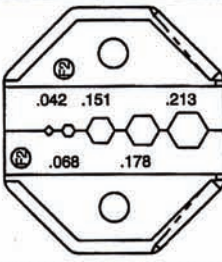
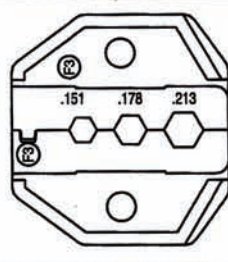
Item No	HT-5133A/HT-336A	HT-5133A4/HT-336A4	HT-5133C/HT-336C
Die P/N	3A	3A4	3C
Specifications	.256"/.068"/.213" 6.50/1.73/5.41mm	.255"/.187"/.068"/.213" 6.48/4.75/1.73/5.41mm	.256"/.319"/.068"/.213" 6.50/8.10/1.73/5.41mm
Crimping cable size	RG58,59,62	RG58,59,62,174	RG58,59,62,6

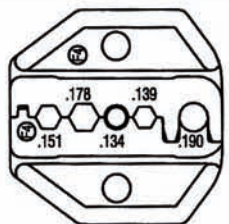
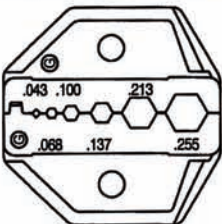
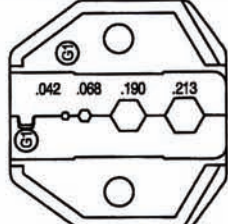
Item No	HT-5133C1/HT-336C1	HT-5133C2/HT-336C2	HT-5133D/HT-336D
Die P/N	3C1	3C2	3D
Specifications	.068"/.216"/.324"/.360" 1.73/5.49/8.23/9.14mm	.068"/.262"/.324"/.360" 1.73/6.65/8.23/9.14mm	.213"/.256"/.068"/.324" 5.41/6.50/1.73/8.23mm
Crimping cable size	RG58,59,62,6	CATV" F" Connectors RG59,6	RG58,59,62,6



## PROFESSIONAL CRIMPING TOOL RATCHET TYPE (2)

Item No	HT-5133D1/HT-336D1	HT-5133D2/HT-336D2	HT-5133D3/HT-336D3
			
Die P/N	3D1	3D2	3D3
Specifications	.068"/.178"/.324" 1.73/4.52/8.23mm	.256"/.429"/.068"/.213" 6.50/10.90/1.73/5.41mm	.390"/.275"/.065" 9.90/6.98/1.65mm
Crimping cable size	RG58,6,174	RG58,59,62,11,8,213	RG 213, 6, 8, 59

Item No	HT-5133F1/HT-336F1	HT-5133F2/HT-336F2	HT-5133F3/HT-336F3
			
Die P/N	3F1	3F2	3F3
Specifications	.042"/.068"/.133"/.162"/.195" 1.07/1.73/3.38/4.11/4.95mm	.042"/.068"/.151"/.178"/.213" 1.07/1.73/3.84/4.52/5.41mm	.151"/.178"/.213" 3.84/4.52/5.41mm
Crimping cable size	Fiber Optic SMA (Oval Type)	Fiber Optic SMA,SMB Conn. RG58,174, Belden 8281	RG58,174,179

Item No	HT-5133F4/HT-336F4	HT-5133G/HT-336G	HT-5133G1/HT-336G1
			
Die P/N	3F4	3G	3G1
Specifications	.151"/.178"/.134"/.139"/.190" 3.84/4.52/3.40/3.53/4.83mm	.043"/.068"/.100"/.137"/ .213"/.255" 1.09/1.73/2.54/3.48/ 5.41/6.48mm	.042"/.068"/.190"/.213" 1.07/1.73/4.83/5.41mm
Crimping cable size	Fiber Optic ST, SC, LC connectors	RG58,59,62,174 Fiber Optic	RG58, Fiber Optic



## PROFESSIONAL CRIMPING TOOL RATCHET TYPE (3)

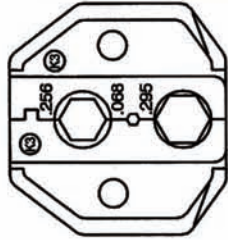
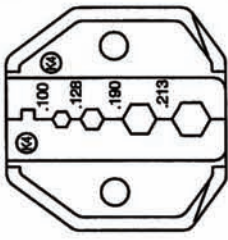
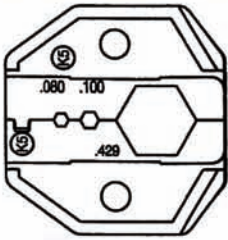
Item No	HT-5133G2/HT-336G2	HT-5133G3/HT-336G3	HT-5133G4/HT-336G4
Die P/N	3G2	3G3	3G4
Specifications	.235"/.128"/.065"/.042" 5.97/3.25/1.65/1.07mm	.042"/.068"/.255"/.324" 1.07/1.73/6.48/8.23mm	.042"/.068"/.178"/.278"/.255" 1.07/1.73/4.52/7.06/6.48mm
Crimping cable size	RG58,174,139,185	RG174,58,59,6	RG59, 62, 174

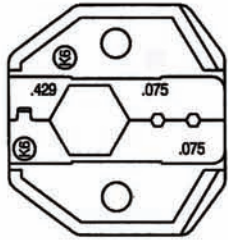
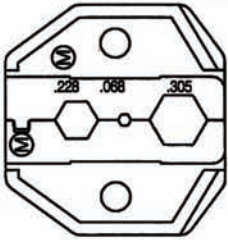
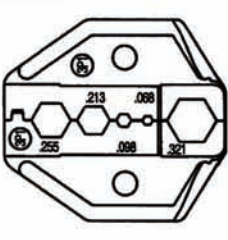
Item No	HT-5133H1/HT-336H1	HT-5133H2/HT-336H2	HT-5133I/HT-336I
Die P/N	3H1	3H2	3I
Specifications	.255"/.320"/.350" 6.48/8.13/8.89mm	.320"/.210"/.185" 8.13/5.33/4.70mm	.254"/.211"/.093"/.067"/.315" 6.46/5.36/2.36/1.70/8.0mm
Crimping cable size	CATV F Connectors RG59,6	RG58, 6	RG58,59,6,174

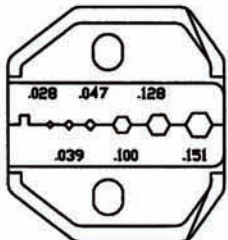
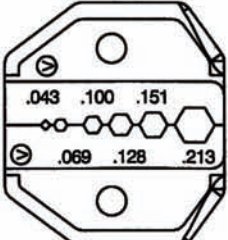
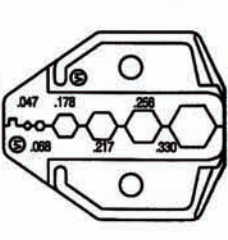
Item No	HT-5133J/HT-336J	HT-5133K/HT-336K	HT-5133K2/HT-336K2
Die P/N	3J	3K	3K2
Specifications	.042"/.068"/.078"/.128"/ .151"/.178" 1.07/1.73/1.98/3.25/ 3.84/4.52mm	.100"/.128"/.429" 2.54/3.25/10.90mm	.068"/.256"/.429" 1.73/6.50/10.90mm
Crimping cable size	RG174,179,Belden 8218 Fiber Optic	RG8,11,174,179,213	RG8, 11, 59, 62



## PROFESSIONAL CRIMPING TOOL RATCHET TYPE (4)

Item No	HT-5133K3/HT-336K3	HT-5133K4/HT-336K4	HT-5133K5/HT-336K5
			
Die P/N	3K3	3K4	3K5
Specifications	.256"/.068"/.295" 6.50/1.73/7.49mm	.100"/.128"/.190"/.213" 2.54/3.25/4.83/5.41mm	.080"/.100"/.429" 2.03/2.54/10.90mm
Crimping cable size	RG59,6	RG58,174, Fiber Optic	RG11,174,213

Item No	HT-5133K6/HT-336K6	HT-5133M/HT-336M	HT-5133P1/HT-336P1
			
Die P/N	3K6	3M	3P1
Specifications	.429"/.075"/.075" 10.90/1.91/1.91mm	.228"/.068"/.305" 5.79/1.73/7.75mm	.255"/.213"/.098"/.068"/.321" 6.48/5.41/2.49/1.73/8.15mm
Crimping cable size	RG11, 213	RG58,59,6,62,142	RG58,59,62,6

Item No	HT-5133T1/HT-336T1	HT-5133V/HT-336V	HT-5133V1/HT-336V1
			
Die P/N	3T1	3V	3V1
Specifications	.028"/.039"/.047"/.100"/ .128"/.151" 0.71/0.99/1.19/2.54/ 3.25/3.84mm	.043"/.069"/.100"/.128"/ .151"/.213" 1.09/1.75/2.54/3.25/ 3.84/5.41mm	.047"/.068"/.178"/.217"/ .256"/.330" 1.19/1.73/4.52/5.51/ 6.50/8.38mm
Crimping cable size	RG174,178,179,180,187	SMA,SMB,SMC,MCX	RG59,62,6,174, Fiber Optic

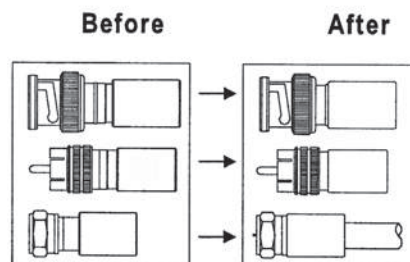
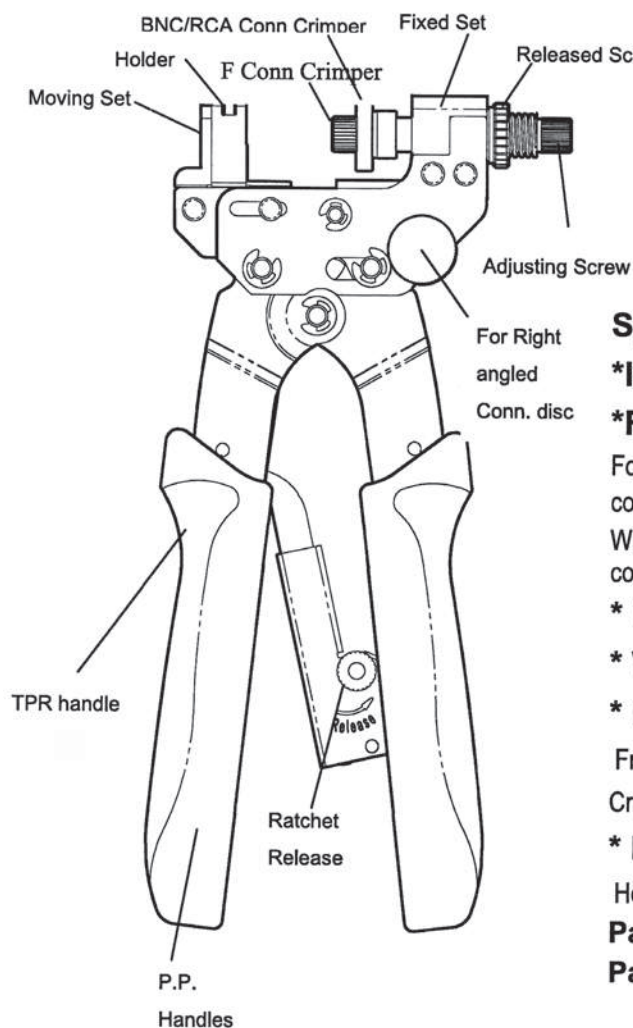


## PROFESSIONAL CRIMPING TOOL RATCHET TYPE (5)

Item No	HT-5133Y/HT-336Y	HT-5133Y1/HT-336Y1	HT-5133Y2/HT-336Y2
Die P/N	3Y	3Y1	3Y2
Specifications	.044"/.057"/.068"/.220"/.213" 1.12/1.45/1.73/5.59/5.41mm	.218"/.069" 5.54/1.75mm	.042"/.240" 1.07/6.10mm
Crimping cable size	RG58	RG58(Oval Type)	Pin Terminal, insulated or non-insulated ferrules (Oval Type)

### HT-H510B Compression Connector Crimping Tool

(W/Adjustment For Crimping F · BNC · RCA and different Length Connectors)



#### Specification :

\*Item No : HT-H510B

\*Function :

For F · BNC · RCA · right angled and keystone module compression connectors.

With adjustment for crimping different length of compression connectors.

\* Length : 7.7" (195mm)

\* Weight : 440g

\* Material :

Frame : Middle Carbon Steel.

Crimper : Low Carbon Steel

\* Finished :

Heat treatment with black oxide.

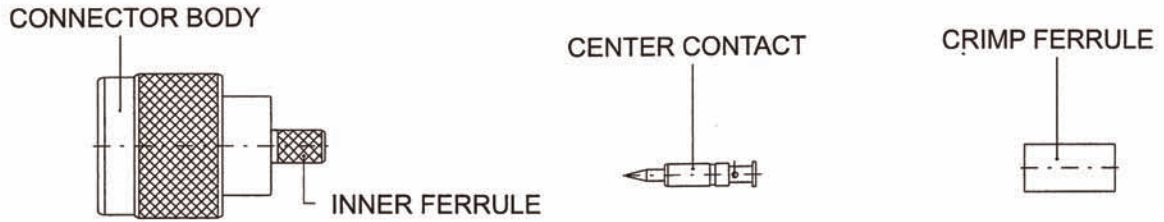
Pat. P TAIWAN , U.S.A


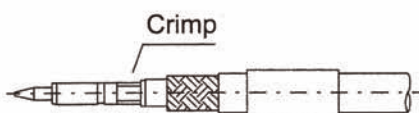
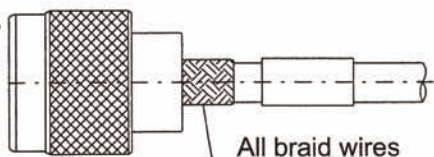
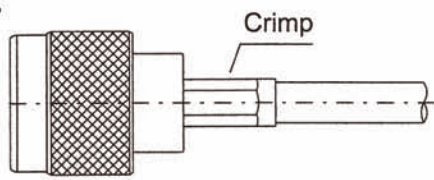
Patented CHINA



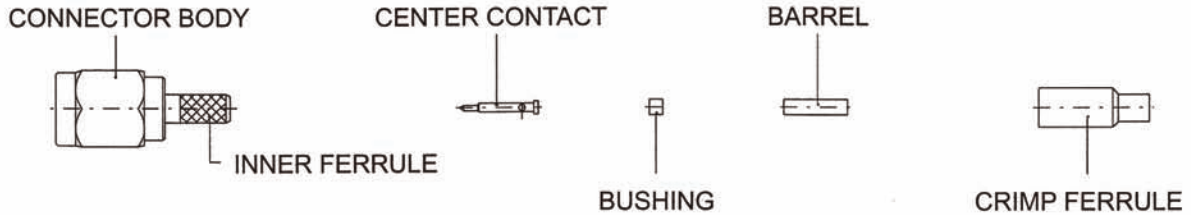


# CABLE ASSEMBLY INSTRUCTIONS-CRIMP (1)

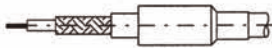


<p>1.</p> 	<p><b>Preparation of cable</b></p> <p>(1) Slide crimp ferrule onto cable.          (2) Strip cable to recommended dimensions shown in catalogue.</p>
<p>2.</p>  <p>Crimp</p>	<p><b>Crimp center contact to cable center conductor</b></p> <p>(1) Insert cable center conductor into center contact until it butts against cable dielectric.          (2) Crimp (or solder) center contact.</p>
<p>3.</p>  <p>All braid wires on outside of inner ferrule</p>	<p><b>Attach cable to connector body</b></p> <p>(1) Insert cable assembly into rear of connector body, whit all braid wires on outside of inner ferrule.          (2) Push cable assembly forward until contact snaps into place in insulator.</p>
<p>4.</p>  <p>Crimp</p>	<p><b>Final assembly</b></p> <p>(1) Slide crimp ferrule forward until flush with connector body and crimp.</p>

## CABLE ASSEMBLY INSTRUCTIONS-CRIMP (2)



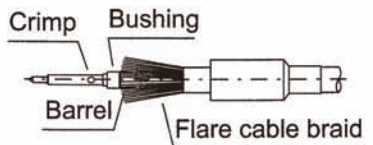
1.



### Preparation of cable

- (1) Slide crimp ferrule onto cable.
- (2) Strip cable to recommended dimensions shown in catalogue.

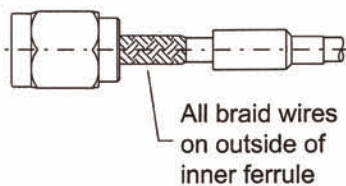
2.



### Crimp center contact to cable center conductor

- (1) Flare slightly end of cable braid to facilitate insertion of inner ferrule.
- (2) Slide barrel and bushing onto cable dielectric.
- (3) Place center contact on cable center conductor and crimp in place.

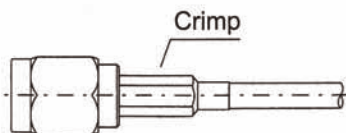
3.



### Attach cable to connector body

- (1) Insert cable assembly into rear of connector body, with all braid wires on outside of inner ferrule.
- (2) Push cable assembly forward until contact snaps into place in insulator.

4.

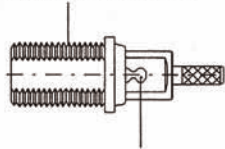


### Final assembly

- (1) Slide crimp ferrule forward until flush with connector body and crimp.

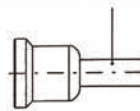
## CABLE ASSEMBLY INSTRUCTIONS-CRIMP (3)

CONNECTOR BODY

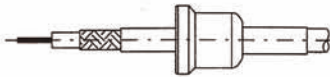


CENTER CONTACT

CRIMP FERRULE



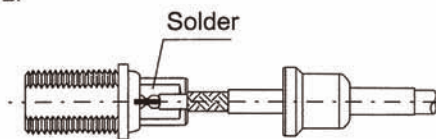
1.



### Preparation of cable

- (1) Slide crimp ferrule onto cable.
- (2) Strip cable to recommended dimensions shown in catalogue.

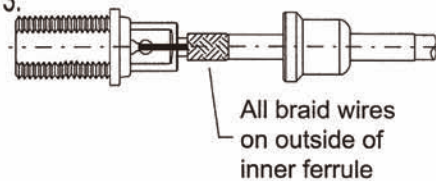
2.



### Crimp center contact to cable center conductor

- (1) Insert cable into connector body with center conductor placed in contact slot, and with all braid wires on outside of inner ferrule.
- (2) Soft solder center contact to cable center conductor.

3.

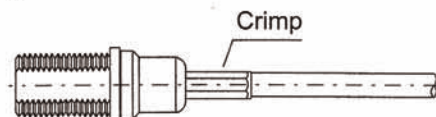


All braid wires  
on outside of  
inner ferrule

### Attach cable to connector body

- (1) Insert cable assembly into rear of connector body, with all braid wires on outside of inner ferrule.
- (2) Push cable assembly forward until contact snaps into place in insulator.

4.



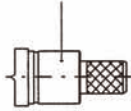
Crimp

### Final assembly

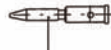
- (1) Slide crimp ferrule forward until flush with connector body and crimp.

## CABLE ASSEMBLY INSTRUCTIONS-CRIMP (4)

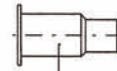
CONNECTOR BODY



SHELL

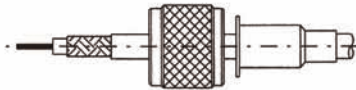


CENTER CONTACT



CRIMP FERRULE

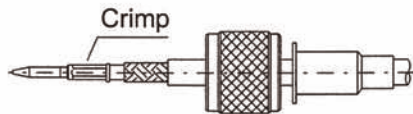
1.



### Preparation of cable

- (1) Slide crimp ferrule and shell onto cable.
- (2) Strip cable to recommended dimensions shown in catalogue.

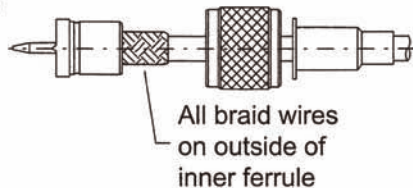
2.



### Crimp center contact to cable center conductor

- (1) Insert cable into connector body with center conductor placed in contact slot, and with all braid wires on outside of inner ferrule.
- (2) Soft solder center contact to cable center conductor.

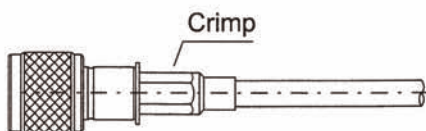
3.



### Attach cable to connector body

- (1) Insert cable assembly into rear of connector body, with all braid wires on outside of inner ferrule.
- (2) Push cable assembly forward until contact snaps into place in insulator.

4.



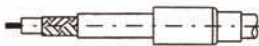
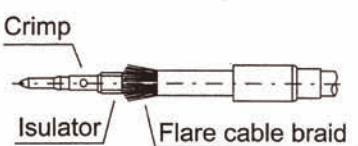
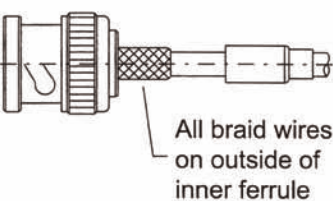
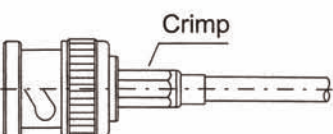
### Final assembly

- (1) Slide shell forward to connector body, then slide crimp ferrule until flush with connector body and crimp.



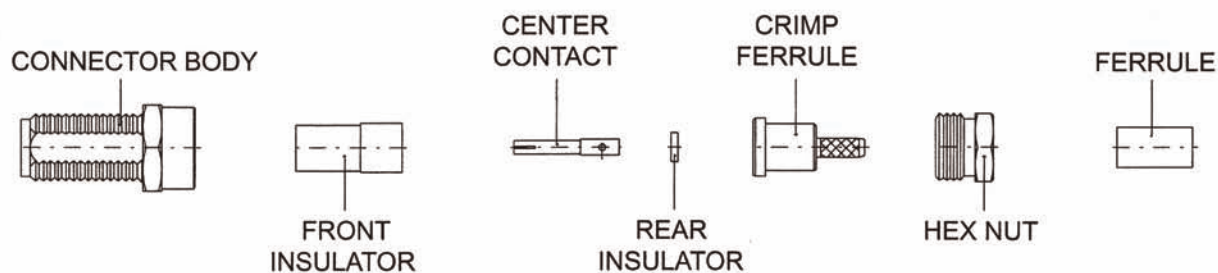
## CABLE ASSEMBLY INSTRUCTIONS-CRIMP (5)

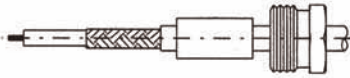
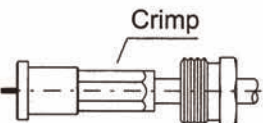
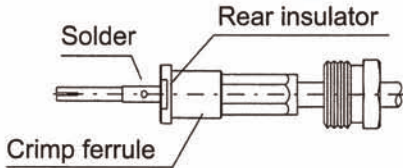
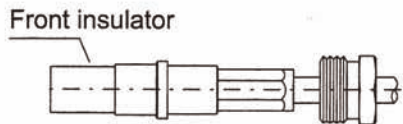
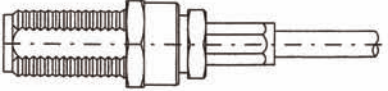


<p>1.</p> 	<p><b>Preparation of cable</b></p> <p>(1) Slide crimp ferrule and shell onto cable.  (2) Strip cable to recommended dimensions shown in catalogue.</p>
<p>2.</p> 	<p><b>Crimp center contact to cable center conductor</b></p> <p>(1) Flare slightly end of cable braid to facilitate insertion of inner ferrule.  (2) Place center contact on cable center conductor and crimp in place.</p>
<p>3.</p> 	<p><b>Attach cable to connector body</b></p> <p>(1) Insert cable assembly into rear of connector body, with all braid wires on outside of inner ferrule.  (2) Push cable assembly forward until contact snaps into place in insulator.</p>
<p>4.</p> 	<p><b>Final assembly</b></p> <p>(1) Slide crimp ferrule forward until flush with connector body and crimp.</p>



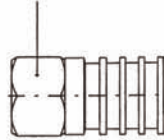
## CABLE ASSEMBLY INSTRUCTIONS-CRIMP (6)



<p>1.</p> 	<p><b>Preparation of cable</b></p> <p>(1) Slide hex nut and ferrule onto cable.            (2) Strip cable to recommended dimensions shown in catalogue.</p>
<p>2.</p> 	<p><b>Crimp center contact to cable center conductor</b></p> <p>(1) Place crimp ferrule between cable dielectric and braid.            (2) Slide ferrule forward until braid and crimp.</p>
<p>3.</p> 	<p><b>Solder center contact cable center conductor</b></p> <p>(1) Slide on rear insulator inside crimp ferrule and center contact (these parts must butt).            (2) Solder center contact to cable center conductor.</p>
<p>4.</p> 	<p><b>Install insulator</b></p> <p>(1) Install front insulator over center contact and near the crimp ferrule.</p>
<p>5.</p> 	<p><b>Final assembly</b></p> <p>(1) Mount cable assembly and hardware into connector body.            (2) Screw and tighten nut.</p>

## CABLE ASSEMBLY INSTRUCTIONS-CRIMP (7)

CONNECTOR BODY



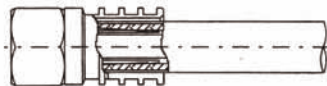
1.



### Preparation of cable

- (1) Slide connector body onto cable.
- (2) Strip cable to recommended dimensions shown in catalogue.

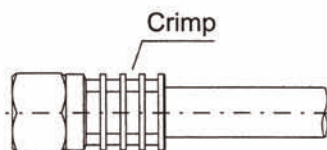
2.



### Attach cable to connector body

- (1) Push cable assembly forward until stop into place in connector body.

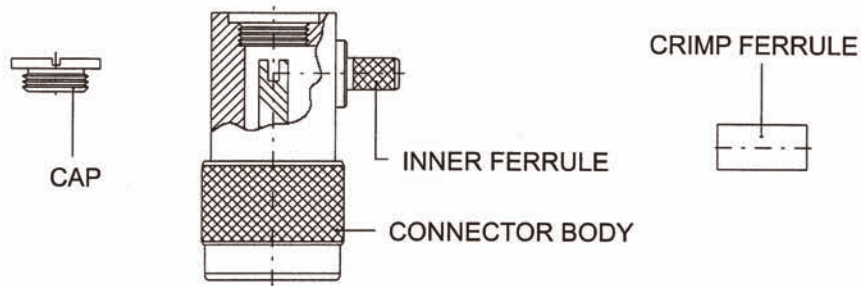
3.



### Final assembly

- (1) Crimp in place.

# CABLE ASSEMBLY INSTRUCTIONS-R/A CRIMP



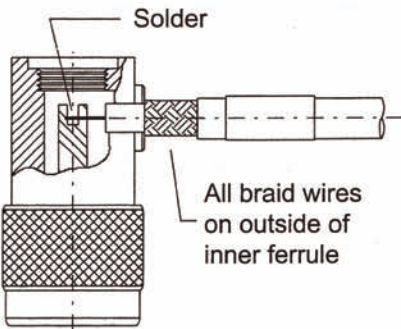
1.



## Preparation of cable

- (1) Slide crimp ferrule onto cable.
- (2) Strip cable to recommended dimensions shown in catalogue.

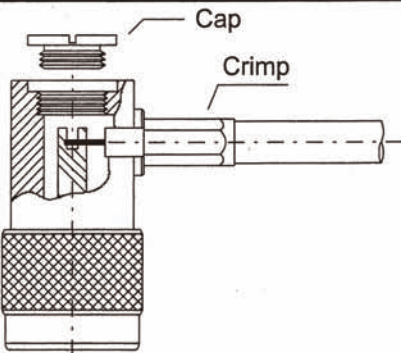
2.



## Solder center contact to cable center conductor

- (1) Insert cable into connector body with center conductor placed in contact slot, and with all braid wires on outside of inner ferrule.
- (2) Soft solder center contact to cable center conductor.

3.

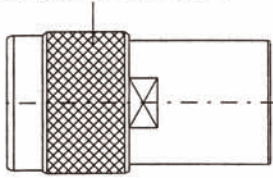


## Final assembly

- (1) Slide crimp ferrule forward until flush with connector body and crimp.
- (2) Screw cap into opening in rear of connector body until it stops.

## CABLE ASSEMBLY INSTRUCTIONS-CLAMP (1)

CONNECTOR BODY



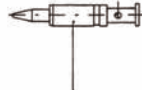
BRAID CLAMP



WASHER



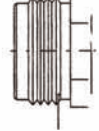
CENTER CONTACT



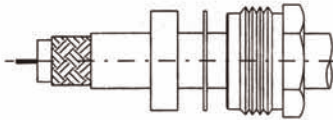
BUSHING



NUT



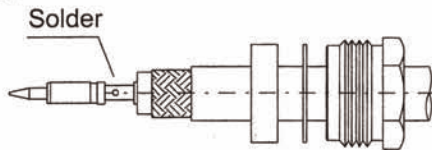
1.



### Preparation of cable

- (1) Slide crimp ferrule onto cable.
- (2) Strip cable to recommended dimensions shown in catalogue.

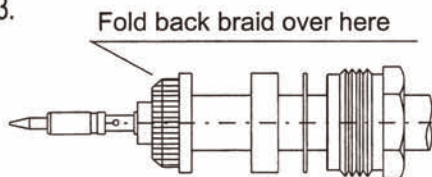
2.



### Solder center contact to cable center conductor

- (1) Insert cable center conductor into center contact until it butts against cable dielectric.
- (2) Solder center contact.

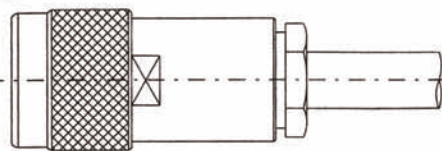
3.



### Install braid clamp

- (1) Place braid clamp over cable braid.
- (2) Comb braid wires out straight and fold back over front shoulder of braid clamp.
- (3) Trim braid wires flush with edge of braid clamp.

4.

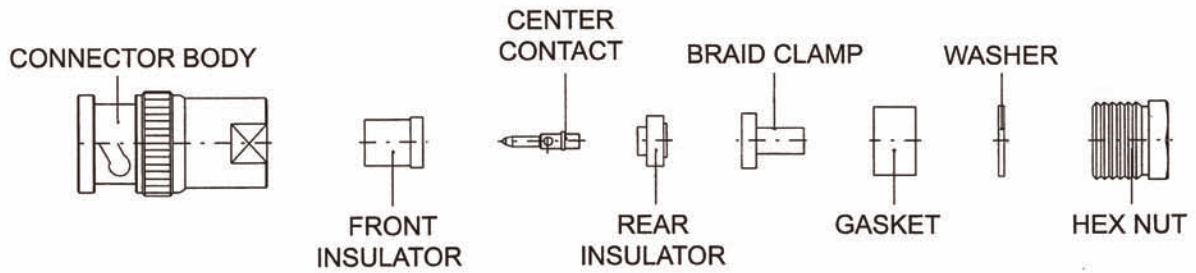


### Final assembly

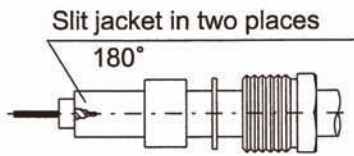
- (1) Mount cable assembly and hardware into connector body.
- (2) Screw and tighten nut.



## CABLE ASSEMBLY INSTRUCTIONS-CLAMP (2)



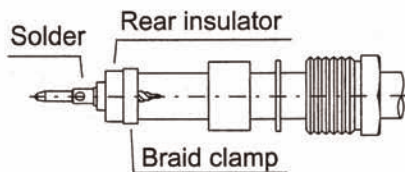
1.



### Preparation of cable

- (1) Slide hex nut, washer and gasket onto cable.
- (2) Strip cable to recommended dimensions shown in catalogue.
- (3) Slit cable jacket in two places, 180° apart.

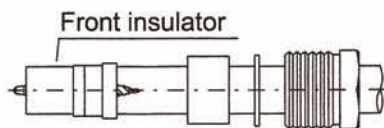
2.



### Solder center contact cable center conductor

- (1) Place braid clamp between cable electric and braid.
- (2) Slide on rear insulator and center contact. (these part must butt).

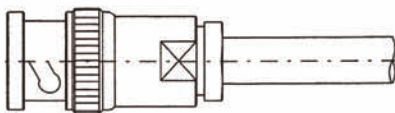
3.



### Install insulator

- (1) Install front insulator over center contact.

4.



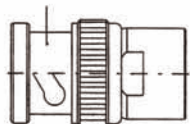
### Final assembly

- (1) Mount cable asseby and hardware into connector body.
- (2) Screw and tighten unt.

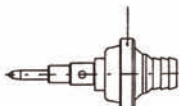


## CABLE ASSEMBLY INSTRUCTIONS-CLAMP (3)

CONNECTOR BODY



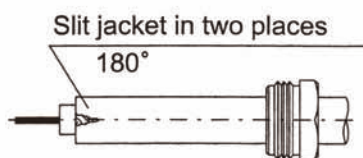
CENTER SEAT



HEX NUT



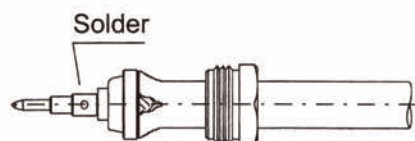
1.



### Preparation of cable

- (1) Slide hex nut onto cable.
- (2) Strip cable to recommended dimensions shown in catalogue.
- (3) Slit cable jacket in two places, 180° apart.

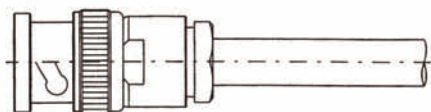
2.



### Solder center contact to cable center conductor

- (1) Insert cable seat into cable between braid and jacket.
- (2) Solder center contact to cable center conductor.

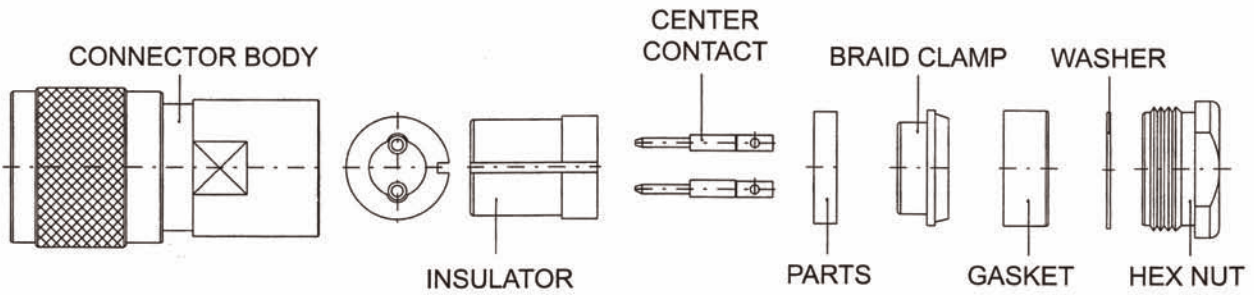
3.

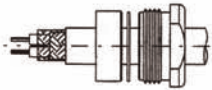
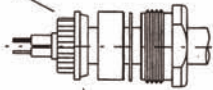
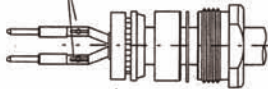
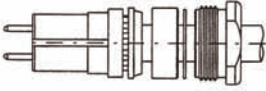
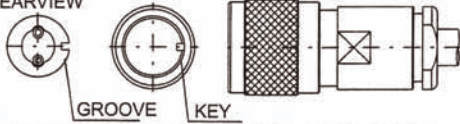


### Final assembly

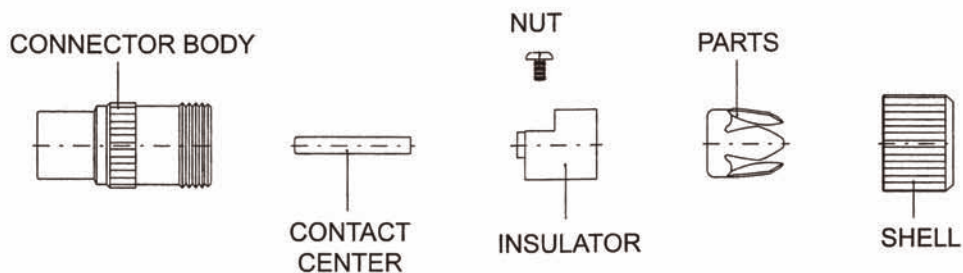
- (1) Mount cable assembly and hardware into connector body.
- (2) Screw and tighten hex nut.

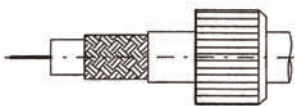
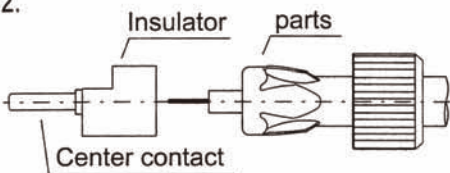
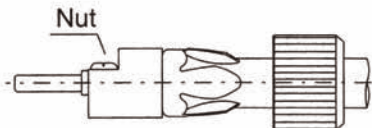
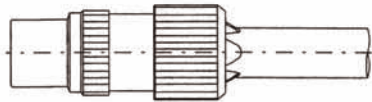
# CABLE ASSEMBLY INSTRUCTIONS-CLAMP (4)



<p>1.</p> 	<p><b>Preparation of cable</b></p> <p>(1) Slide hex nut, washer and gasket onto cable.          (2) Strip cable to recommended dimensions shown in catalogue.</p>
<p>2.</p> <p>Fold back braid over here</p>  <p>Braid clamp</p>	<p><b>Install braid clamp</b></p> <p>(1) Place braid clamp over cable braid.          (2) Comb braid wires out straight and fold back over front shoulder of braid clamp.          (3) Trim braid wires flush with edge of braid clamp.</p>
<p>3.</p> <p>Solder</p>  <p>Parts</p>	<p><b>Solder center contact to cable center conductor</b></p> <p>(1) Slide parts onto cable braid.          (2) Insert cable center conductor into center contact until it butts against cable dielectric.          (3) Solder center contact.</p>
<p>4.</p> 	<p><b>Attach cable to insulator</b></p> <p>(1) Push cable assembly forward until contact parts into place in insulator.</p>
<p>5.</p> <p>INSULATOR REARVIEW</p> <p>BODY REARVIEW</p>  <p>GROOVE</p> <p>KEY</p>	<p><b>Final assembly</b></p> <p>(1) Install cable assembly level at insulator and connector body of groove and key.          (2) Mount cable assembly and hardware into connector body.          (3) Screw and tighten nut.</p>

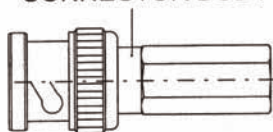
## CABLE ASSEMBLY INSTRUCTIONS-CLAMP (5)


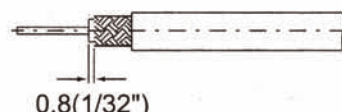
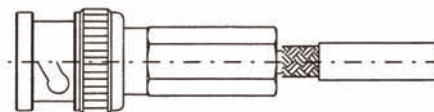
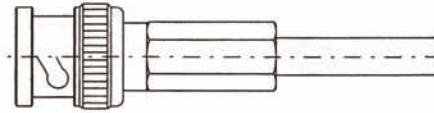


<p>1.</p> 	<p><b>Preparation of cable</b></p> <p>(1) Slide shell onto cable.          (2) Strip cable to recommended dimensions shown in catalogue.</p>
<p>2.</p> 	<p><b>Install hardware</b></p> <p>(1) Slide parts onto cable and attach to braid.          (2) Push center contact into insulator in place.</p>
<p>3.</p> 	<p><b>Attach center contact to cable center conductor</b></p> <p>(1) Insert cable center conductor into center contact until it stops.          (2) Screw and tighten nut.</p>
<p>4.</p> 	<p><b>Final assembly</b></p> <p>(1) Insert cable assembly into connector body.          (2) Screw and tighten shell.</p>

## CABLE ASSEMBLY INSTRUCTIONS-TWIST-ON (1)

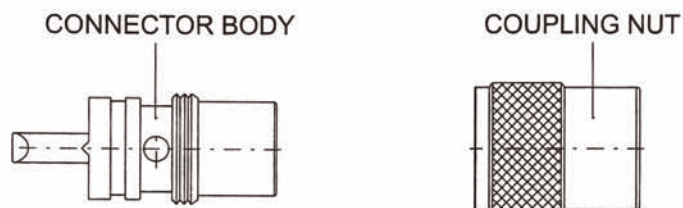
CONNECTOR BODY



<p>1.</p> 	<p><b>Preparation of cable</b> (1) Strip cable to recommended dimensions shown in catalogue.</p>
<p>2.</p>  <p>0.8(1/32")</p>	<p><b>Screw cable braid</b> (1) The insulator appears 0.8mm at least when turn braid of cable by clockwise direction.</p>
<p>3.</p> 	<p><b>Attach center contact to cable center conductor</b> (1) Be careful insert cable center conductor into hole in rear of center contact.</p>
<p>4.</p> 	<p><b>Final assembly</b> (1) Screw cable assembly into connector body in a clockwise direction until it stops.</p>



## CABLE ASSEMBLY INSTRUCTIONS-TWIST-ON (2)



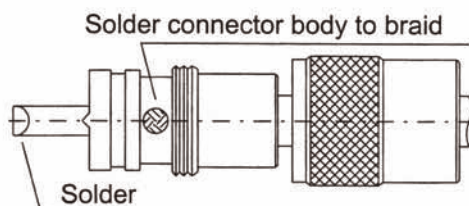
1.



### Preparation of cable

- (1) Slide hex nut onto cable.
- (2) Strip cable to recommended dimensions shown in catalogue.
- (3) Slit cable jacket in two places, 180° apart.

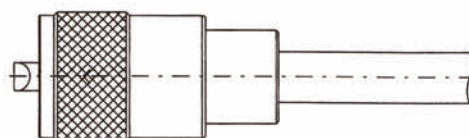
2.



### Solder center contact to cable center conductor

- (1) Insert cable seat into cable between braid and jacket.
- (2) Solder center contact to cable center conductor.

3.



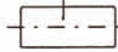
### Final assembly

- (1) Mount cable assembly and hardware into connector body.
- (2) Screw and tighten hex nut.

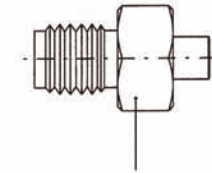


# CABLE ASSEMBLY INSTRUCTIONS-DIRECT SOLDER (1)

INSULATOR



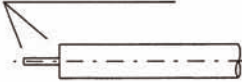
CENTER CONTACT



CONNECTOR BODY

1.

Remove burrs

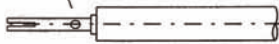


## Preparation of cable

- (1) Strip cable to recommended dimensions shown in catalogue.
- (2) Remove any burrs from jacket and center conductor.

2.

Solder

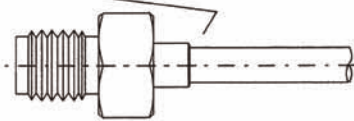


## Solder center contact to cable center conductor

- (1) Solder center contact to cable center conductor.
- (2) Remove all excess solder.

3.

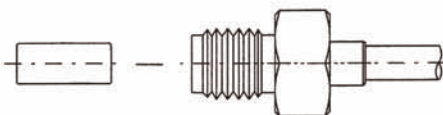
Soft solder all around here



## Attach cable to connector body

- (1) Assembly cable and contact into connector body.
- (2) Soft solder cable jacket all around over connector body.

4.



## Final assembly

- (1) Press insulator into connector body until it stops.