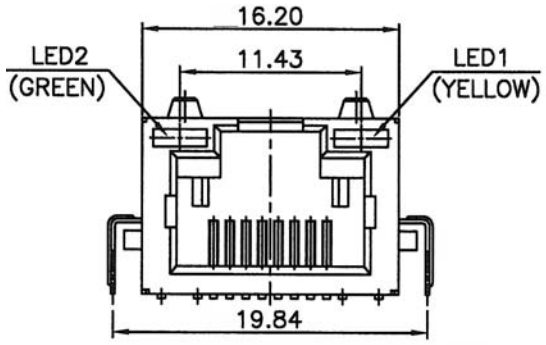
SIDE ENTRY EMBEDDED MODULAR PCB JACK WITH LED 8P PROFILE=11.12MM (FULLY SHIELDED)

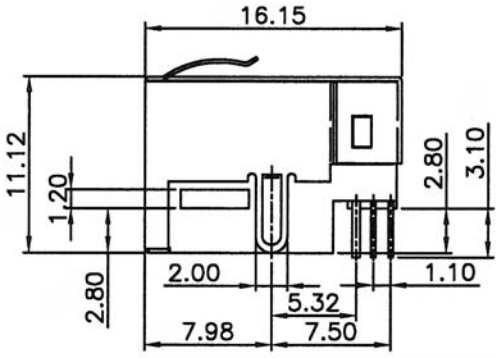
SPECIFICATIONS

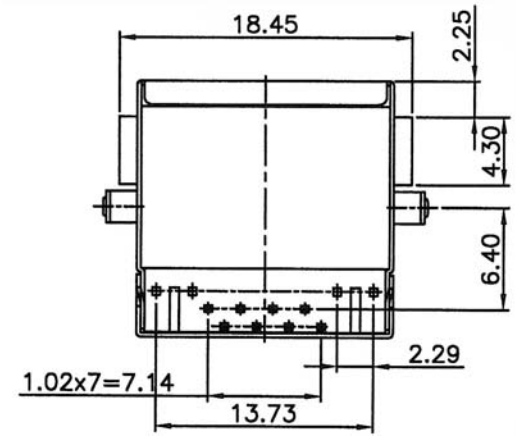
Insulation Resistance: 500MΩ Min.
Contact Resistance: 20mΩ Max.
Rating Current: 1.5A Max.
Rating Voltage: 120V AC.
Dielectric Voltage: 1000 Vrms 60 Sec. Min.
Temperature Range: -40ºc / +85ºc
Durability: 500 Mating cycles Min.

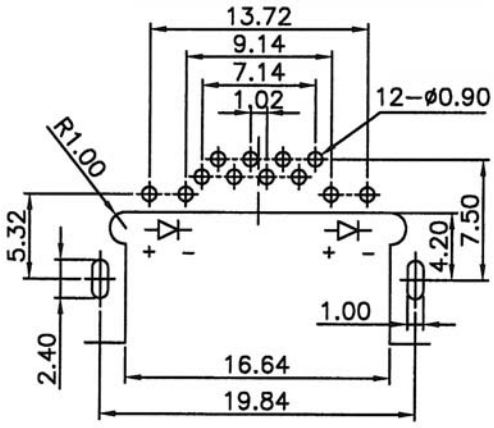
MATERIALS

Housing: Nylon (UL 94V-0)
Soldering Temperature: 260ºc
Color: Black
Spring Wire: Phosphor Bronze
Gold plating Over Nickel
All materials must be RoHS compliant.









Recommended P.C.Board Layout
(TOP VIEW)

ORDERING INFORMATION:

P/N M J B 7 - x x x B x x
1 2 3

1. NO. OF POSITIONS & CONTACTS:
   "88" 8P8C
   "84" 8P4C
2. CONTACT FINISH:
   "A" 6 MICROINCH GOLD
   "B" 15 MICROINCH GOLD
   "C" 30 MICROINCH GOLD
   "D" 50 MICROINCH GOLD
3. COLORS OF LED:
   "NN" LED1: GREEN & LED2: GREEN
   "NY" LED1: GREEN & LED2: YELLOW
   "YN" LED1: YELLOW & LED2: GREEN
   "YY" LED1: YELLOW & LED2: YELLOW
   "XX" W/O LED

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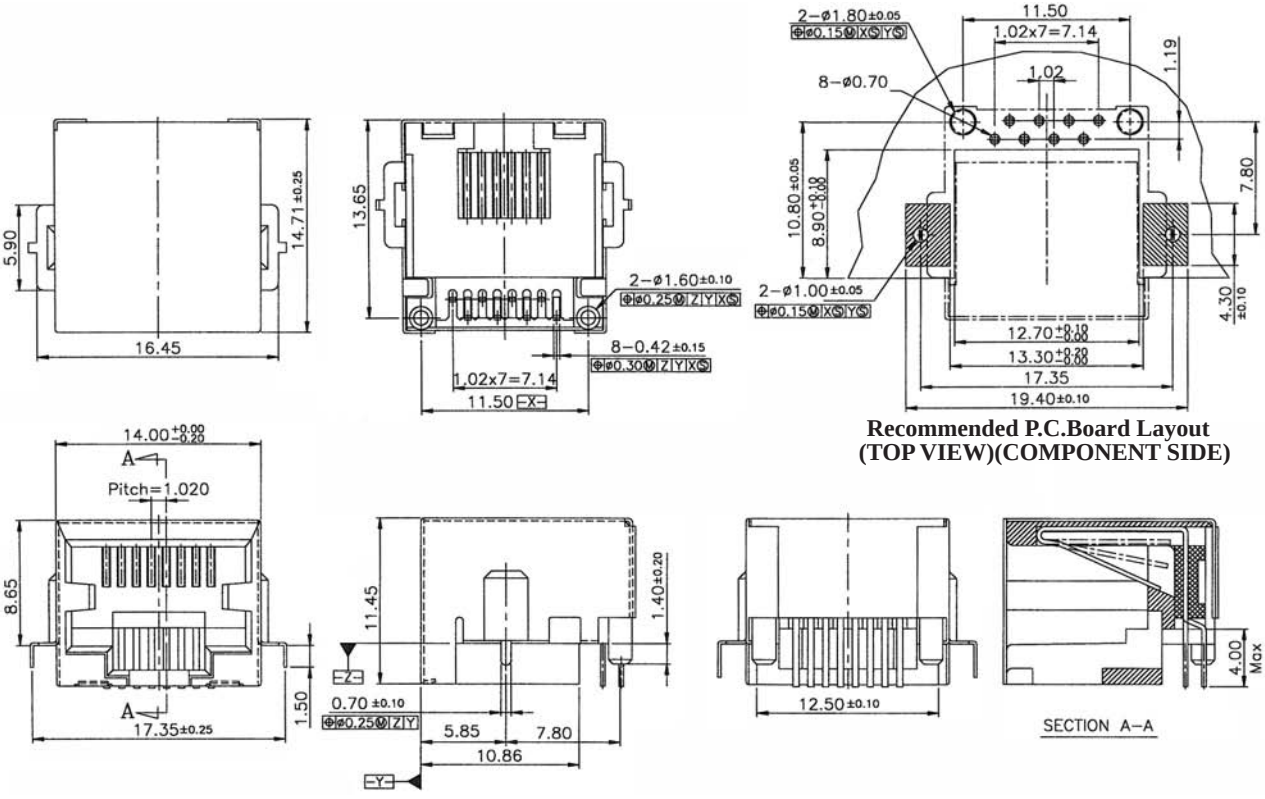
SIDE ENTRY EMBEDDED MODULAR PCB JACK 8P PROFILE=11.45MM (FULLY SHIELDED)

SPECIFICATIONS

Insulation Resistance: 500MΩ Min.
Contact Resistance: 20mΩ Max.
Rating Current: 1.5A Max.
Rating Voltage: 120V AC.
Dielectric Voltage: 1000 Vrms 60 Sec. Min.
Temperature Range: -40ºc / +85ºc
Durability: 500 Mating cycles Min.

MATERIALS

Housing: Nylon (UL 94V-0)
Soldering Temperature: 260ºc
Color: Black
Spring Wire: Phosphor Bronze
Gold plating Over Nickel
All materials must be RoHS compliant.



Recommended P.C.Board Layout
(TOP VIEW)(COMPONENT SIDE)

ORDERING INFORMATION:

P/N M J 8 S - 8 8 x B
1 2

1. NO. OF POSITIONS & CONTACTS:
   "88" 8P8C
2. CONTACT FINISH:
   "A" 6 MICROINCH GOLD
   "B" 15 MICROINCH GOLD
   "C" 30 MICROINCH GOLD
   "D" 50 MICROINCH GOLD

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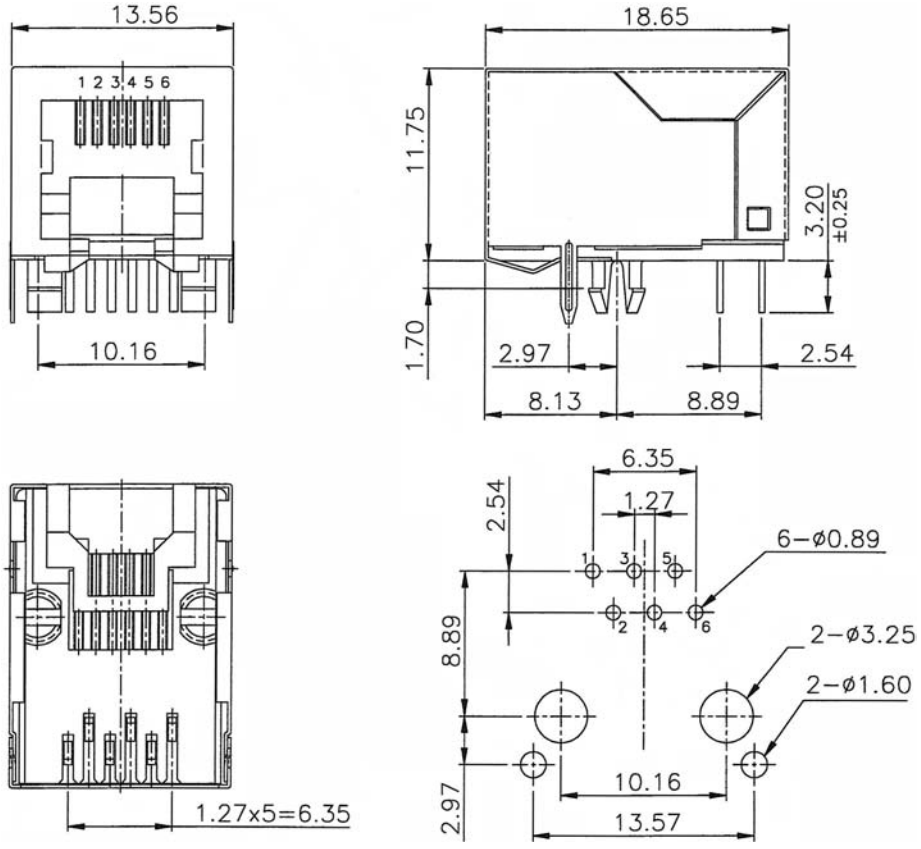
SIDE ENTRY MODULAR PCB JACK 6P PROFILE=11.75MM (FULLY SHIELDED)

SPECIFICATIONS

Insulation Resistance: 500MΩ Min.
Contact Resistance: 20mΩ Max.
Rating Current: 1.5A Max.
Rating Voltage: 120V AC.
Dielectric Voltage: 1000 Vrms 60 Sec. Min.
Temperature Range: -40ºc / +85ºc
Durability: 500 Mating cycles Min.

MATERIALS

Housing: PBT Glass Filled (UL 94V-0)
Soldering Temperature: 235ºc
Color: Black
Spring Wire: Phosphor Bronze
Gold plating Over Nickel
Shield: Brass plating Nickel Alloy
All materials must be RoHS compliant.



Recommended P.C.Board Layout
(TOP VIEW)

ORDERING INFORMATION:

P/N M J 1 8 - x x x B
1 2

1. NO. OF POSITIONS & CONTACTS:
   "64" 6P4C
   "66" 6P6C
2. CONTACT FINISH:
   "A" 6 MICROINCH GOLD
   "B" 15 MICROINCH GOLD
   "C" 30 MICROINCH GOLD
   "D" 50 MICROINCH GOLD

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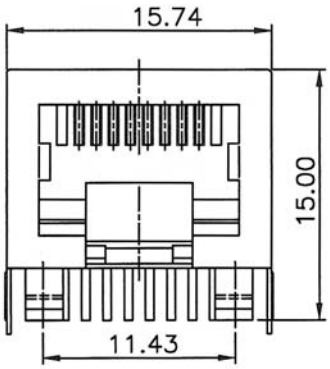
SIDE ENTRY MODULAR PCB JACK 8P PROFILE=11.75MM (FULLY SHIELDED)

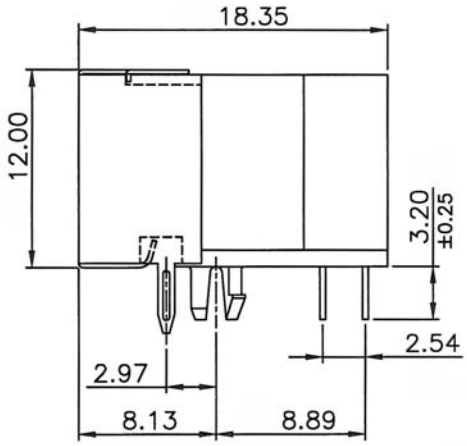
SPECIFICATIONS

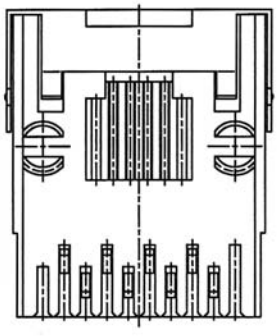
Insulation Resistance: 500MΩ Min.
Contact Resistance: 20mΩ Max.
Rating Current: 1.5A Max.
Rating Voltage: 120V AC.
Dielectric Voltage: 1000 Vrms 60 Sec. Min.
Temperature Range: -40ºc / +85ºc
Durability: 500 Mating cycles Min.

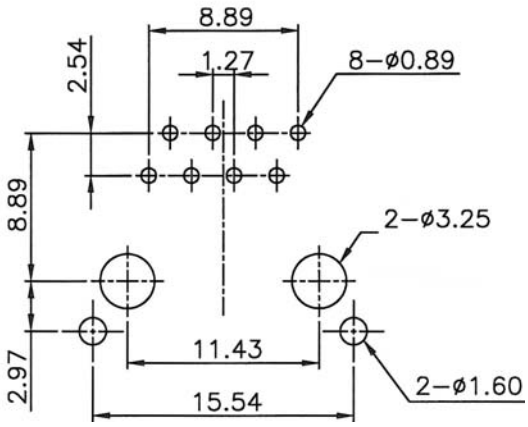
MATERIALS

Housing: PBT Glass Filled (UL 94V-0)
Soldering Temperature: 235ºc
Color: Black
Spring Wire: Phosphor Bronze
Gold plating Over Nickel
Shield: Brass plating Nickel Alloy
All materials must be RoHS compliant.









Recommended P.C.Board Layout
(TOP VIEW)

ORDERING INFORMATION:

P/N M J 1 8 - x x x B
1 2

1. NO. OF POSITIONS & CONTACTS:
   "88" 8P8C
   "84" 8P4C
2. CONTACT FINISH:
   "A" 6 MICROINCH GOLD
   "B" 15 MICROINCH GOLD
   "C" 30 MICROINCH GOLD
   "D" 50 MICROINCH GOLD

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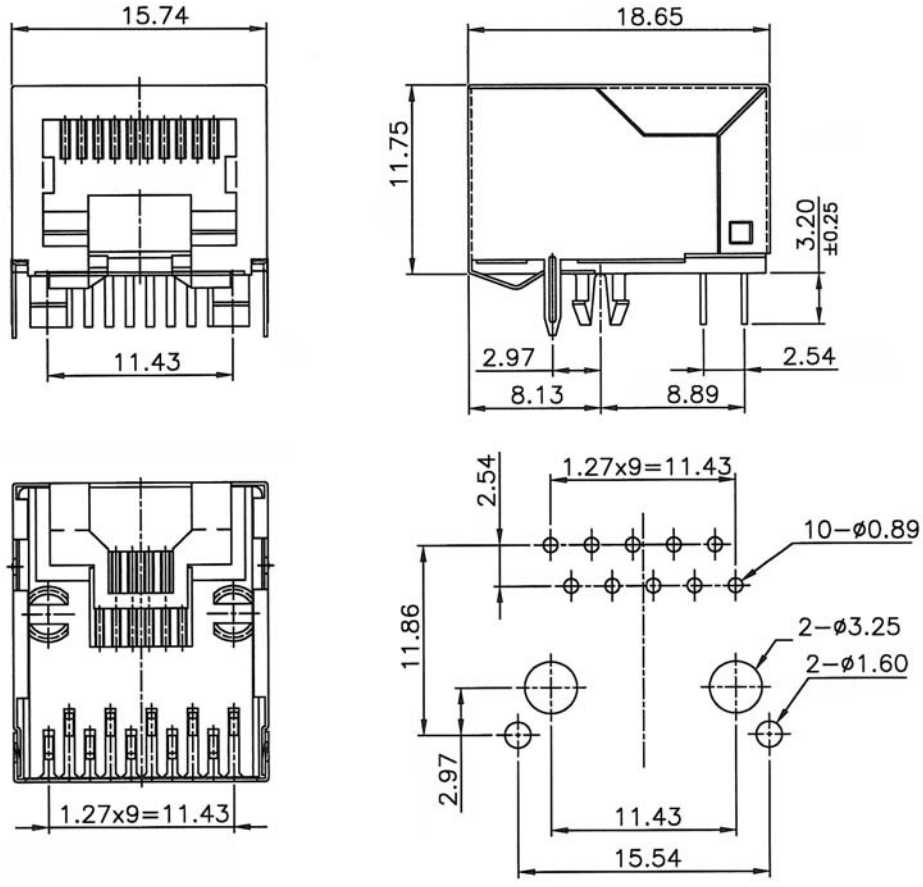
SIDE ENTRY MODULAR PCB JACK 10P PROFILE=11.75MM (FULLY SHIELDED)

SPECIFICATIONS

Insulation Resistance: 500MΩ Min.
Contact Resistance: 20mΩ Max.
Rating Current: 1.5A Max.
Rating Voltage: 120V AC.
Dielectric Voltage: 1000 Vrms 60 Sec. Min.
Temperature Range: -40ºc / +85ºc
Durability: 500 Mating cycles Min.

MATERIALS

Housing: PBT Glass Filled (UL 94V-0)
Soldering Temperature: 235ºc
Color: Black
Spring Wire: Phosphor Bronze
Gold plating Over Nickel
Shield: Brass plating Nickel Alloy
All materials must be RoHS compliant.



Recommended P.C.Board Layout
(TOP VIEW)

ORDERING INFORMATION:

P/N M J 1 8 - x x x B
1 2

1. NO. OF POSITIONS & CONTACTS:
   "00" 10P10C
   "08" 10P8C
2. CONTACT FINISH:
   "A" 6 MICROINCH GOLD
   "B" 15 MICROINCH GOLD
   "C" 30 MICROINCH GOLD
   "D" 50 MICROINCH GOLD

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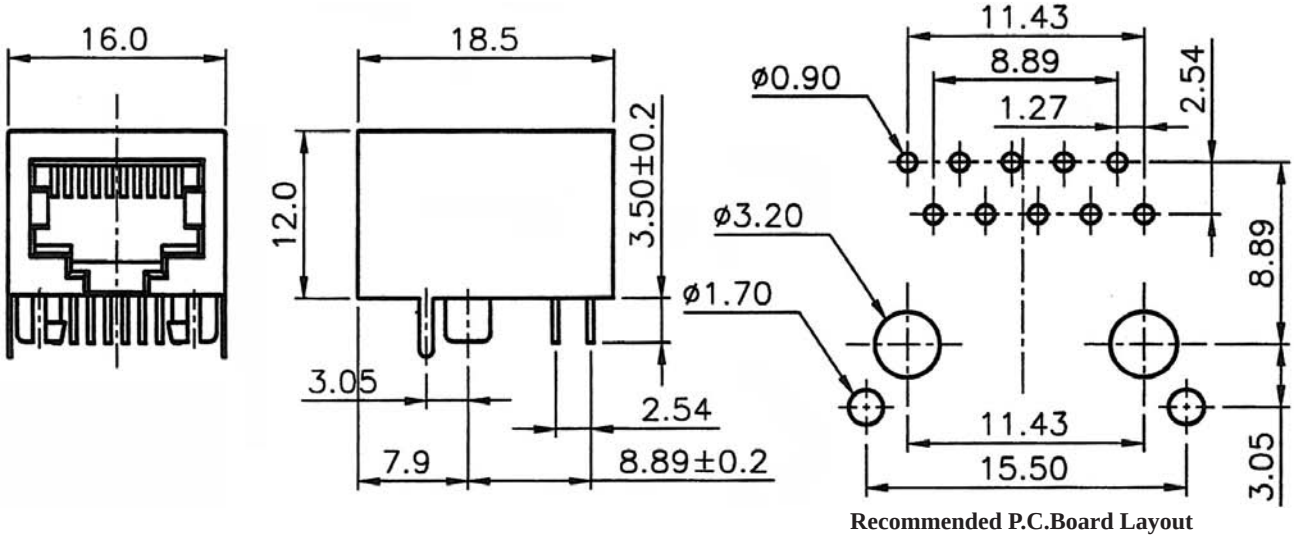
SIDE ENTRY MODULAR PCB JACK 10P PROFILE=12.00MM (FULLY SHIELDED)

SPECIFICATIONS

Insulation Resistance: 500MΩ Min.
Contact Resistance: 20mΩ Max.
Rating Current: 1.5A Max.
Rating Voltage: 120V AC.
Dielectric Voltage: 1000 Vrms 60 Sec. Min.
Temperature Range: -40ºc / +85ºc
Durability: 500 Mating cycles Min.

MATERIALS

Housing: PBT Glass Filled (UL 94V-0)
Soldering Temperature: 235ºc
Color: Black
Spring Wire: Phosphor Bronze
Gold plating Over Nickel
Shield: Brass plating Nickel Alloy
All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N M J 8 7 - x x x B
1 2

1. NO. OF POSITIONS & CONTACTS:
   "00" 10P10C
   "08" 10P8C
2. CONTACT FINISH:
   "A" 6 MICROINCH GOLD
   "B" 15 MICROINCH GOLD
   "C" 30 MICROINCH GOLD
   "D" 50 MICROINCH GOLD

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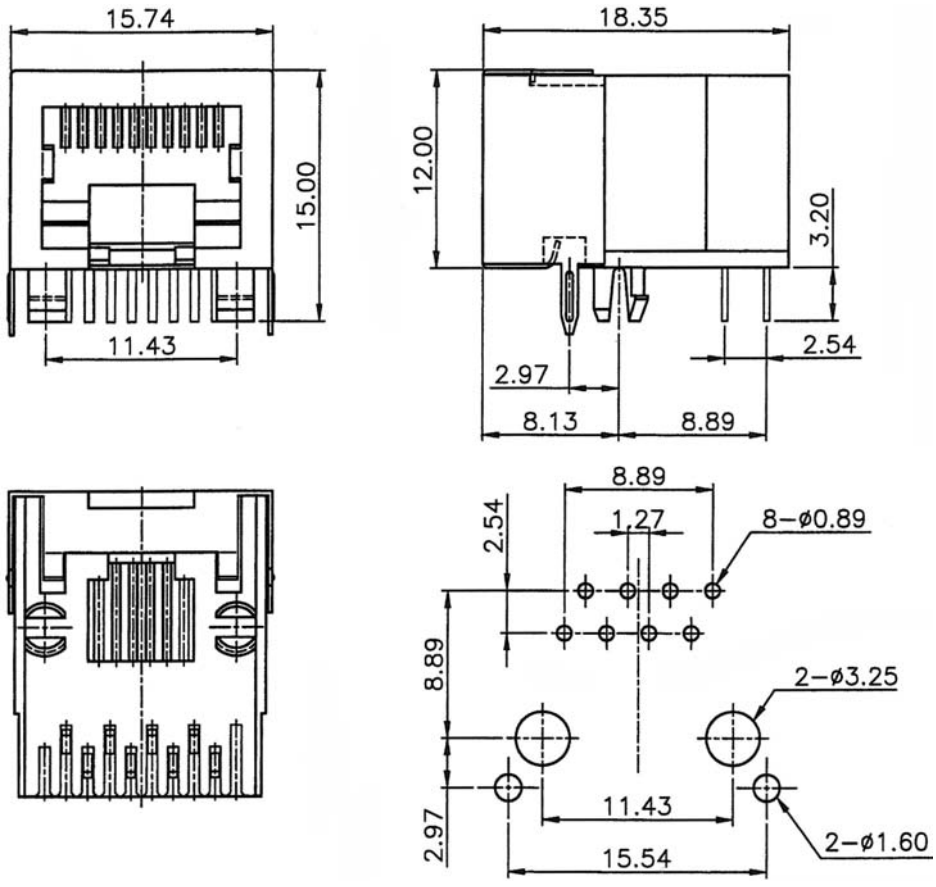
SIDE ENTRY MODULAR PCB JACK 8P PROFILE=12.00MM (HALF SHIELDED)

SPECIFICATIONS

Insulation Resistance: 500MΩ Min.
Contact Resistance: 20mΩ Max.
Rating Current: 1.5A Max.
Rating Voltage: 120V AC.
Dielectric Voltage: 1000 Vrms 60 Sec. Min.
Temperature Range: -40ºc / +85ºc
Durability: 500 Mating cycles Min.

MATERIALS

Housing: PBT Glass Filled (UL 94V-0)
Soldering Temperature: 235ºc
Color: Black
Spring Wire: Phosphor Bronze
Gold plating Over Nickel
Shield: Brass plating Nickel Alloy
All materials must be RoHS compliant.



Recommended P.C.Board Layout
(TOP VIEW)

ORDERING INFORMATION:

P/N M J 6 3 - 8 8 x B x
1 2 3

1. NO. OF POSITIONS & CONTACTS:
   "88" 8P8C
2. CONTACT FINISH:
   "A" 6 MICROINCH GOLD
   "B" 15 MICROINCH GOLD
   "C" 30 MICROINCH GOLD
   "D" 50 MICROINCH GOLD
   "E" GOLD FLASH
3. KEYWAY OPTION:
   " " W/O KEYWAY
   "K" WITH KEYWAY

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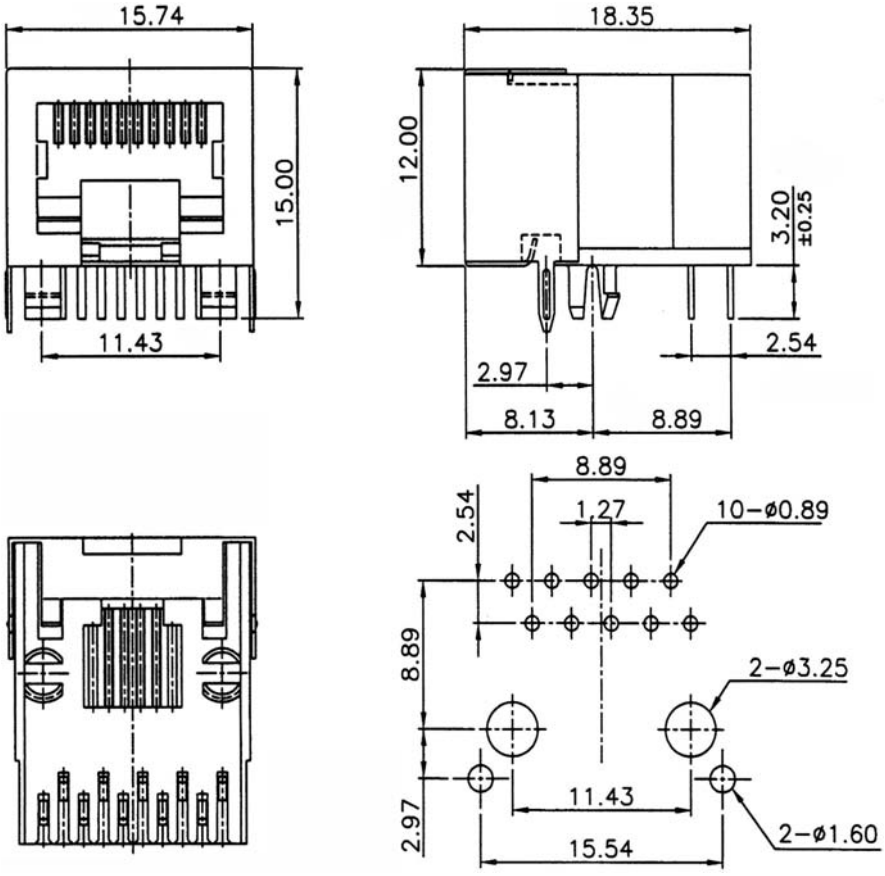
SIDE ENTRY MODULAR PCB JACK 10P PROFILE=12.00MM (HALF SHIELDED)

SPECIFICATIONS

Insulation Resistance: 500MΩ Min.
Contact Resistance: 20mΩ Max.
Rating Current: 1.5A Max.
Rating Voltage: 120V AC.
Dielectric Voltage: 1000 Vrms 60 Sec. Min.
Temperature Range: -40ºc / +85ºc
Durability: 500 Mating cycles Min.

MATERIALS

Housing: PBT Glass Filled (UL 94V-0)
Soldering Temperature: 235ºc
Color: Black
Spring Wire: Phosphor Bronze
Gold plating Over Nickel
Shield: Brass plating Nickel Alloy
All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N M J 7 H - x x x B x
1 2 3

1. NO. OF POSITIONS & CONTACTS:
   "00" 10P10C
   "08" 10P8C
2. CONTACT FINISH:
   "A" 6 MICROINCH GOLD
   "B" 15 MICROINCH GOLD
   "C" 30 MICROINCH GOLD
   "D" 50 MICROINCH GOLD
   "E" GOLD FLASH
3. KEYWAY OPTION:
   " " W/O KEYWAY
   "K" WITH KEYWAY

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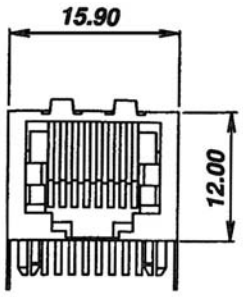
SIDE ENTRY MODULAR PCB JACK 8P PROFILE=12.00MM (FULLY SHIELDED)

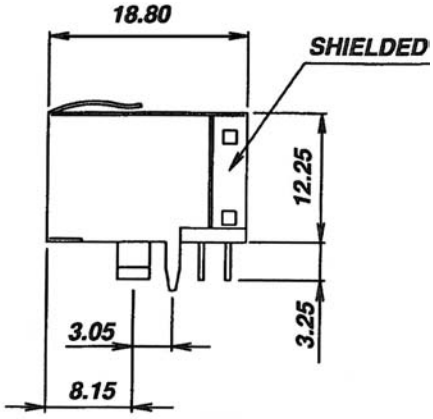
SPECIFICATIONS

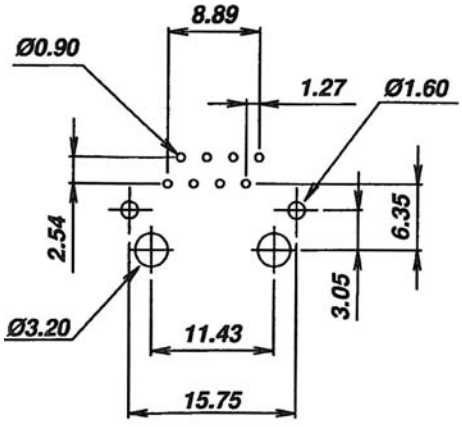
Insulation Resistance: 500MΩ Min.
Contact Resistance: 20mΩ Max.
Rating Current: 1.5A Max.
Rating Voltage: 120V AC.
Dielectric Voltage: 1000 Vrms 60 Sec. Min.
Temperature Range: -40ºc / +85ºc
Durability: 500 Mating cycles Min.

MATERIALS

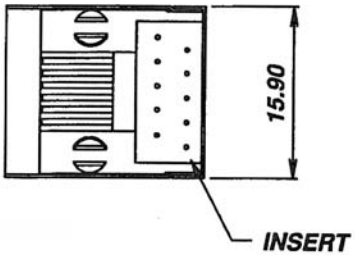
Housing: PBT Glass Filled (UL 94V-0)
Soldering Temperature: 235ºc
Color: Black
Spring Wire: Phosphor Bronze
Gold plating Over Nickel
Shield: Brass plating Nickel Alloy
All materials must be RoHS compliant.







Recommended P.C.Board Layout
(TOP VIEW)



ORDERING INFORMATION:

P/N M J R X - 8 8 x B
1 2

1. NO. OF POSITIONS & CONTACTS:
   "88" 8P8C
2. CONTACT FINISH:
   "A" 6 MICROINCH GOLD
   "B" 15 MICROINCH GOLD
   "C" 30 MICROINCH GOLD
   "D" 50 MICROINCH GOLD

NOTE: P/N MJRXHT-88xB for High Temp. Version

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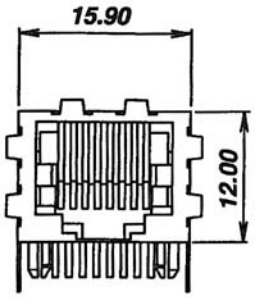
SIDE ENTRY MODULAR PCB JACK 8P PROFILE=12.00MM (FULLY SHIELDED)

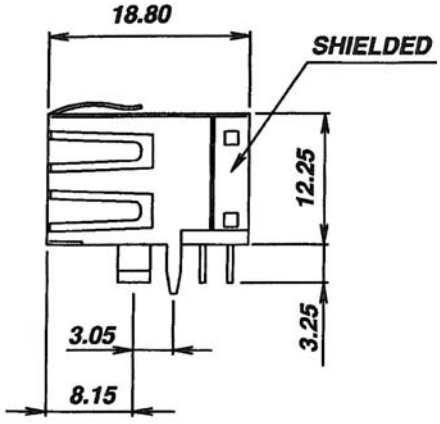
SPECIFICATIONS

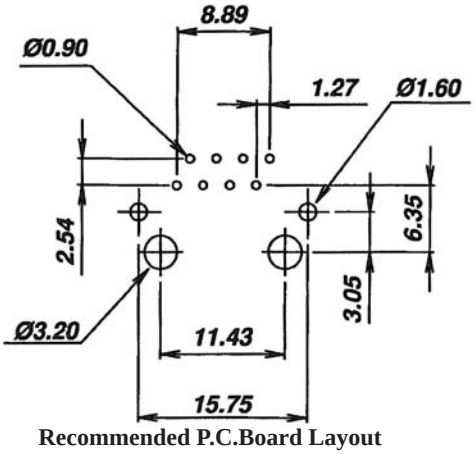
Insulation Resistance: 500MΩ Min.
Contact Resistance: 20mΩ Max.
Rating Current: 1.5A Max.
Rating Voltage: 120V AC.
Dielectric Voltage: 1000 Vrms 60 Sec. Min.
Temperature Range: -40ºc / +85ºc
Durability: 500 Mating cycles Min.

MATERIALS

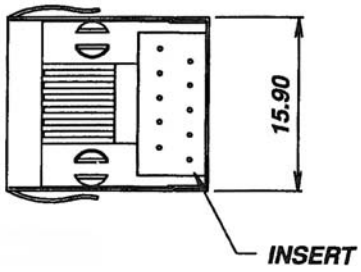
Housing: PBT Glass Filled (UL 94V-0)
Soldering Temperature: 235ºc
Color: Black
Spring Wire: Phosphor Bronze
Gold plating Over Nickel
Shield: Brass plating Nickel Alloy
All materials must be RoHS compliant.







Recommended P.C.Board Layout
(TOP VIEW)



ORDERING INFORMATION:

P/N M J R Y - 8 8 x B
1 2

1. NO. OF POSITIONS & CONTACTS:
   "88" 8P8C
2. CONTACT FINISH:
   "A" 6 MICROINCH GOLD
   "B" 15 MICROINCH GOLD
   "C" 30 MICROINCH GOLD
   "D" 50 MICROINCH GOLD

NOTE: P/N MJRYHT-88xB for High Temp. Version

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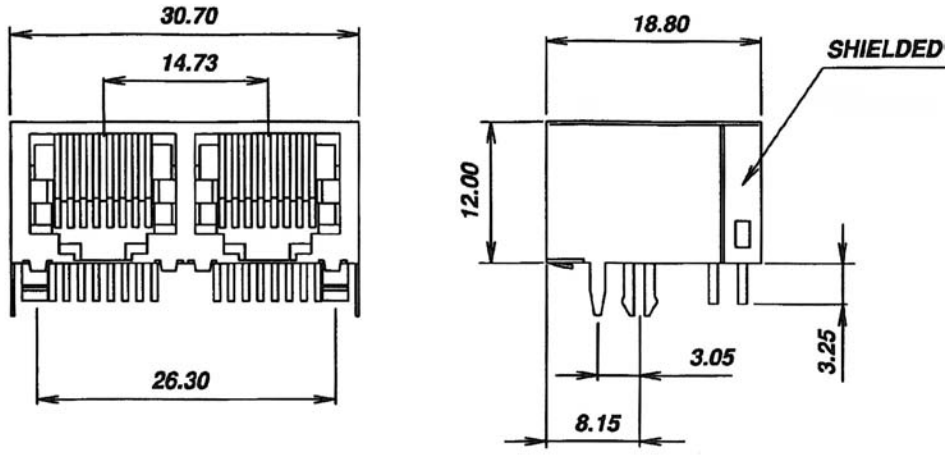
SIDE ENTRY 2-PORT MODULAR PCB JACK 8P PROFILE=12.00MM (FULLY SHIELDED)

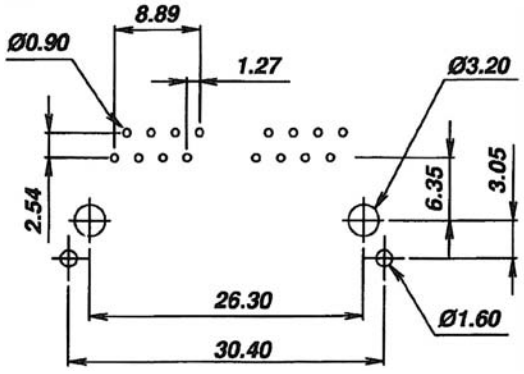
SPECIFICATIONS

Insulation Resistance: 500MΩ Min.
Contact Resistance: 20mΩ Max.
Rating Current: 1.5A Max.
Rating Voltage: 120V AC.
Dielectric Voltage: 1000 Vrms 60 Sec. Min.
Temperature Range: -40ºc / +85ºc
Durability: 500 Mating cycles Min.

MATERIALS

Housing: PBT Glass Filled (UL 94V-0)
Soldering Temperature: 235ºc
Color: Black
Spring Wire: Phosphor Bronze
Gold plating Over Nickel
Shield: Brass plating Nickel Alloy
All materials must be RoHS compliant.





Recommended P.C.Board Layout
(TOP VIEW)

ORDERING INFORMATION:

P/N M J S A - 8 8 x B 0 2
1 2 3

1. NO. OF POSITIONS & CONTACTS:
   "88" 8P8C
2. CONTACT FINISH:
   "A" 6 MICROINCH GOLD
   "B" 15 MICROINCH GOLD
   "C" 30 MICROINCH GOLD
   "D" 50 MICROINCH GOLD
3. NO. OF PORTS:
   02

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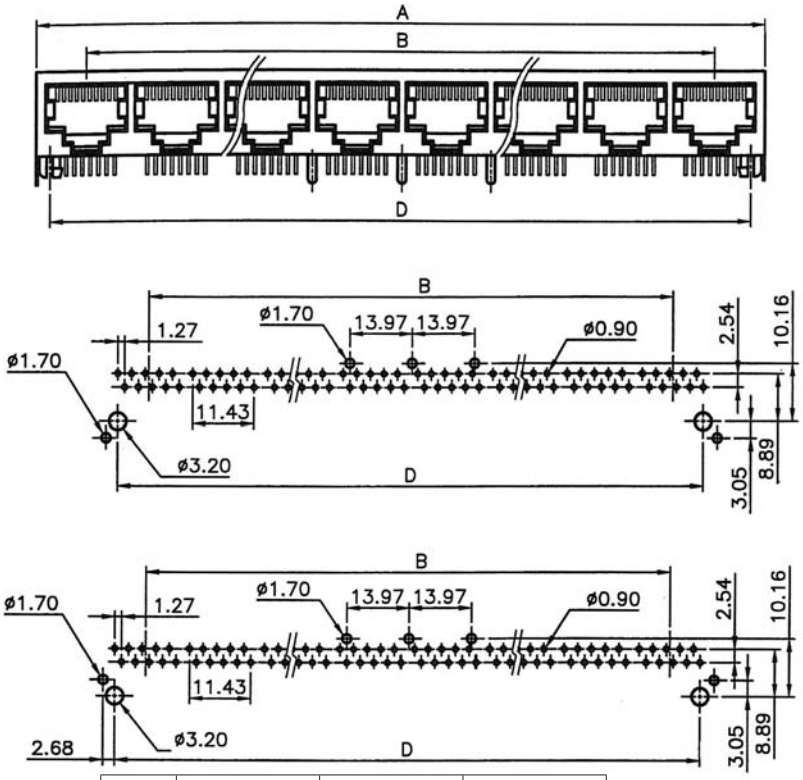
SIDE ENTRY MULTI-PORT MODULAR PCB JACK 10P PROFILE=12.00MM (FULLY SHIELDED)

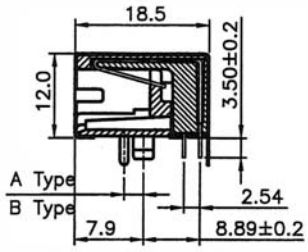
SPECIFICATIONS

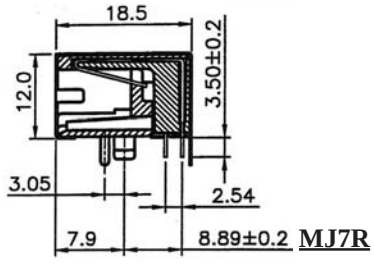
Insulation Resistance: 500MΩ Min.
Contact Resistance: 20mΩ Max.
Rating Current: 1.5A Max.
Rating Voltage: 120V AC.
Dielectric Voltage: 1000 Vrms 60 Sec. Min.
Temperature Range: -40ºc / +85ºc
Durability: 500 Mating cycles Min.

MATERIALS

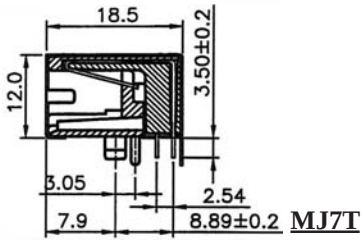
Housing: PBT Glass Filled (UL 94V-0)
Soldering Temperature: 235ºc
Color: Black
Spring Wire: Phosphor Bronze
Gold plating Over Nickel
Shield: Brass plating Nickel Alloy
All materials must be RoHS compliant.







MJ7R



MJ7T

No. of Ports	DIM"A"$\pm^{0.10}_{0.20}$	DIM"B"±0.20	DIM"D"±0.15
02	31.24	13.97	25.40
04	59.18	41.91	53.34
06	87.12	69.85	81.28
08	115.06	97.79	109.22

ORDERING INFORMATION:

P/N M J $\frac{xx}{1}$ - $\frac{xx}{2}$ $\frac{x}{3}$ B $\frac{xx}{4}$

1. TYPE OF JACKS:
   "7R" A TYPE W. ROUND PINS
   "7T" B TYPE W. ROUND PINS
2. NO. OF POSITIONS & CONTACTS:
   "00" 10P10C
   "08" 10P8C
3. CONTACT FINISH:
   "A" 6 MICROINCH GOLD
   "B" 15 MICROINCH GOLD
   "C" 30 MICROINCH GOLD
   "D" 50 MICROINCH GOLD
4. NO. OF PORTS:
   02, 04, 06, 08

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fax 02.2626.1009 www.elitaliaweb.it

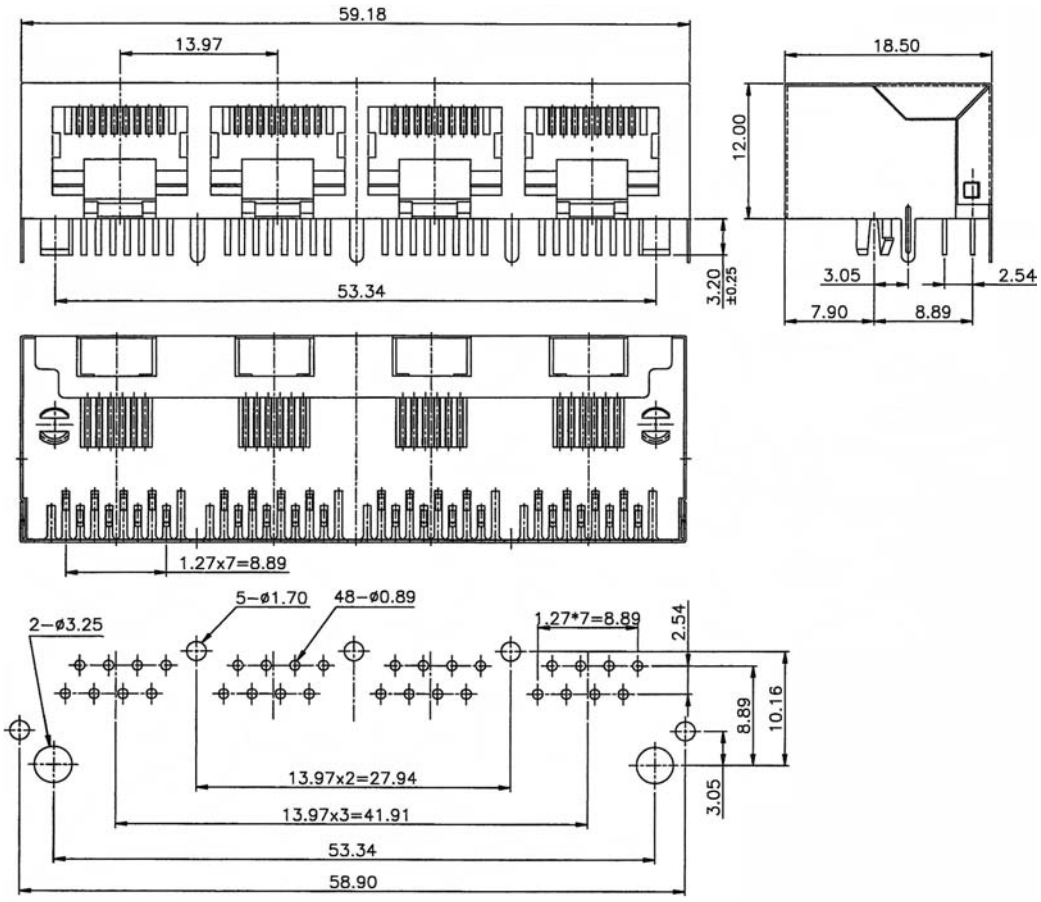
SIDE ENTRY 4-PORT MODULAR PCB JACK 8P PROFILE=12.00MM (FULLY SHIELDED)

SPECIFICATIONS

Insulation Resistance: 500MΩ Min.
Contact Resistance: 20mΩ Max.
Rating Current: 1.5A Max.
Rating Voltage: 120V AC.
Dielectric Voltage: 1000 Vrms 60 Sec. Min.
Temperature Range: -40ºc / +85ºc
Durability: 500 Mating cycles Min.

MATERIALS

Housing: PBT Glass Filled (UL 94V-0)
Soldering Temperature: 235ºc
Color: Black
Spring Wire: Phosphor Bronze
Gold plating Over Nickel
Shield: Brass plating Nickel Alloy
All materials must be RoHS compliant.



Recommended P.C.Board Layout
(TOP VIEW)

ORDERING INFORMATION:

P/N M J 2 S - x x x B 0 4
1 2 3

1. NO. OF POSITIONS & CONTACTS:
   "88" 8P8C
   "84" 8P4C
2. CONTACT FINISH:
   "A" 6 MICROINCH GOLD
   "B" 15 MICROINCH GOLD
   "C" 30 MICROINCH GOLD
   "D" 50 MICROINCH GOLD
3. NO. OF PORTS:
   04

NOTE: GROUNDING PIN SPACING= 3.05MM BEHIND PEG

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SIDE ENTRY 4-PORT MODULAR PCB JACK 10P PROFILE=12.00MM (FULLY SHIELDED)

SPECIFICATIONS

Insulation Resistance: 500MΩ Min.
Contact Resistance: 20mΩ Max.
Rating Current: 1.5A Max.
Rating Voltage: 120V AC.
Dielectric Voltage: 1000 Vrms 60 Sec. Min.
Temperature Range: -40ºc / +85ºc
Durability: 500 Mating cycles Min.

MATERIALS

Housing: PBT Glass Filled (UL 94V-0)
Soldering Temperature: 235ºc
Color: Black
Spring Wire: Phosphor Bronze
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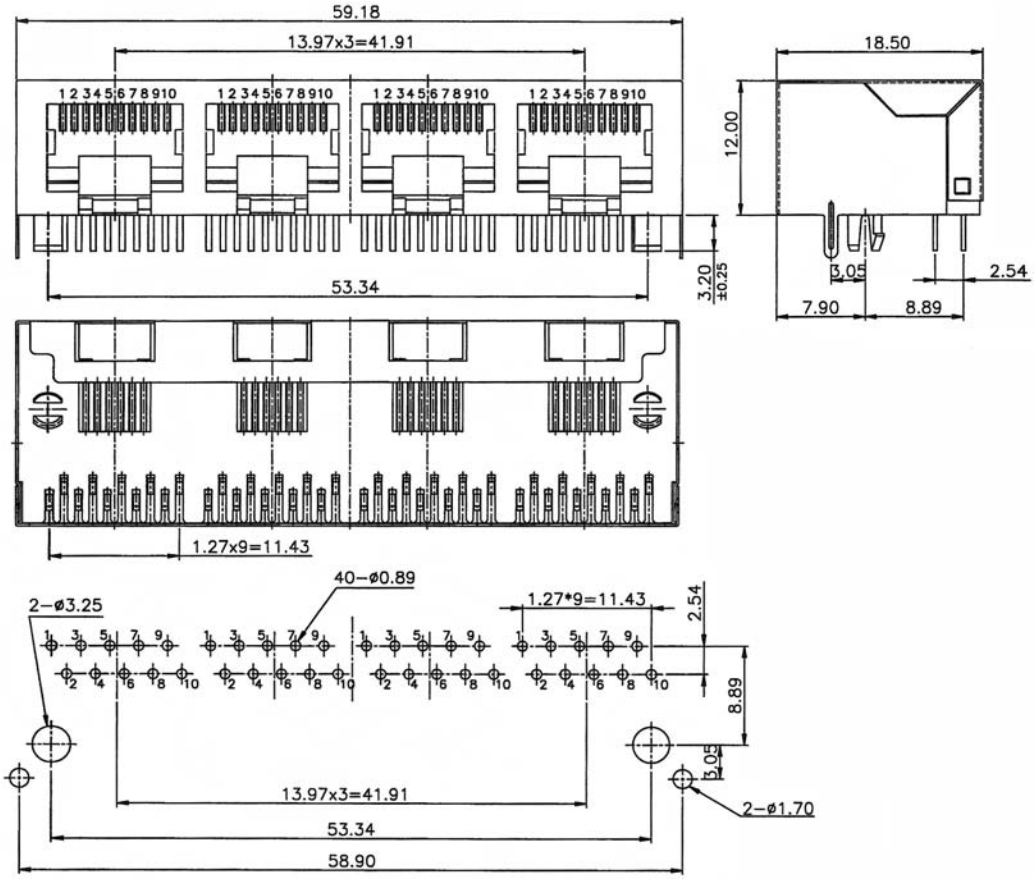
Shield: Brass plating Nickel Alloy
All materials must be RoHS compliant.



Recommended P.C.Board Layout
(TOP VIEW)

ORDERING INFORMATION:

P/N M J 2 J - x x x B 0 4
1 2 3

1. NO. OF POSITIONS & CONTACTS:
   "00" 10P10C
   "08" 10P8C
2. CONTACT FINISH:
   "A" 6 MICROINCH GOLD
   "B" 15 MICROINCH GOLD
   "C" 30 MICROINCH GOLD
   "D" 50 MICROINCH GOLD
3. NO. OF PORTS:
   04

NOTE: GROUNDING PIN SPACING= 3.05MM BEFORE PEG

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