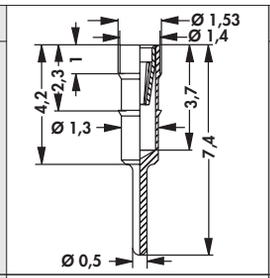
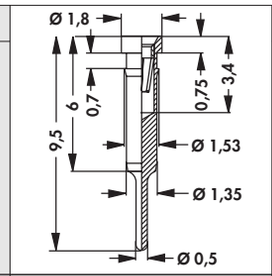
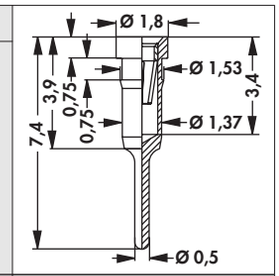
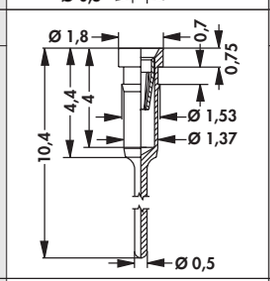
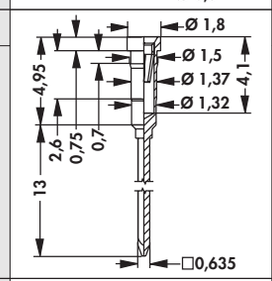
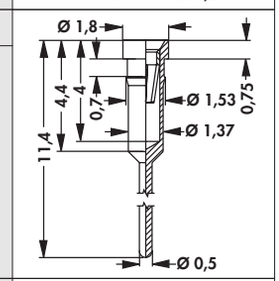
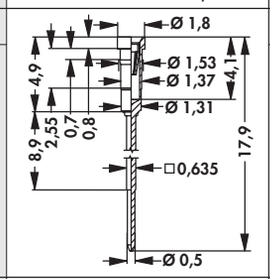
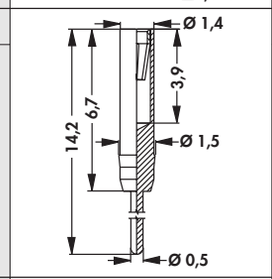
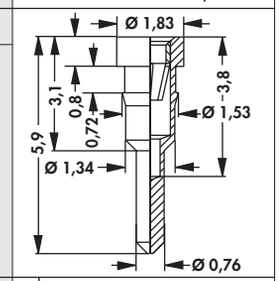
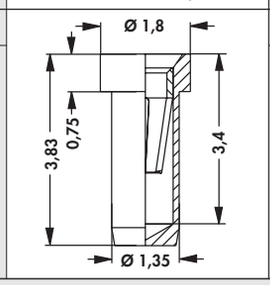
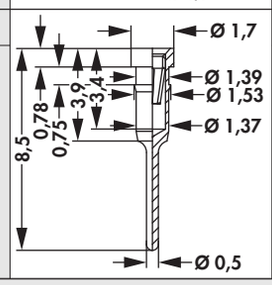
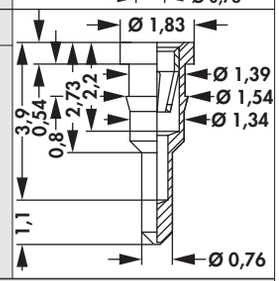
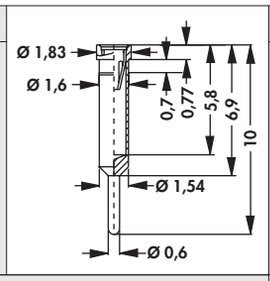
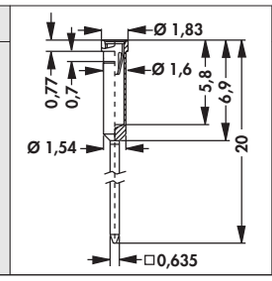
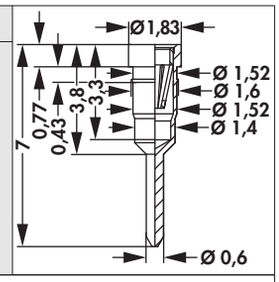
High-precision contacts, loose

Female contacts for Ø 0.5 mm

art. no.		art. no.		art. no.	
1706 G		PEK G		PK 1 ...	
1831 Z		WWPS 1 G		SK 06 ...	
SK 13 X 2 G		TF G		SK 19 ...	
SIL 1 ...		SK 17 ...		SK 18 ...	

please indicate:	**... surface of contact** **G = gold-plated** **Z = tin-plated**
contact spring:	gold-plated

Female contact for 0.64 mm □ and Ø 0.80 mm

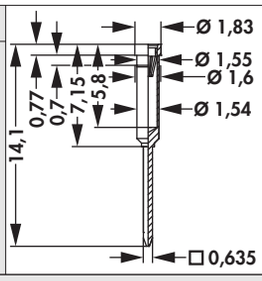
art. no.		art. no.		art. no.	
SKB 5 Z		SKB 9 Z		SK 21 Z	

contact spring:	gold-plated
contact sleeve:	tin-plated

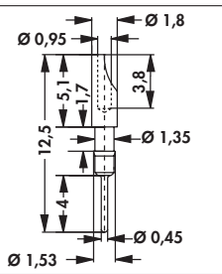
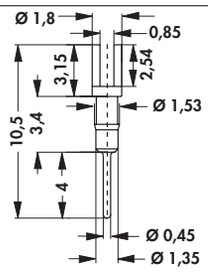
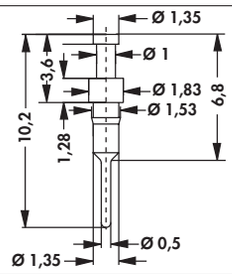
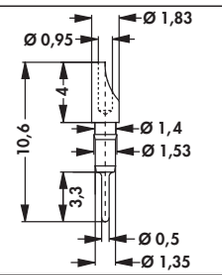
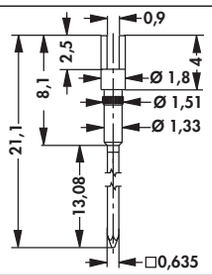
EL.ITALIA
www.elitaliaweb.it
info@elitaliaweb.it
+39 0233611626

High-precision contacts, loose

Female contact for 0.64 mm □ and Ø 0.80 mm

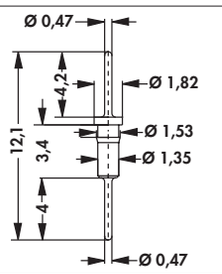
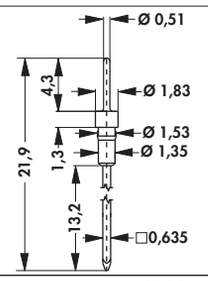
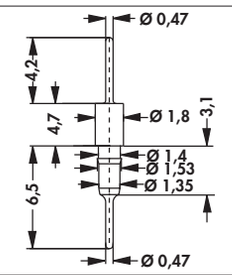
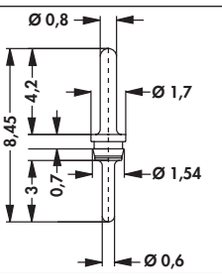
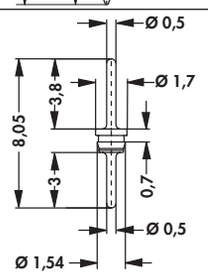
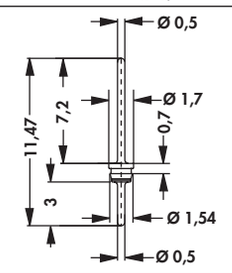
art. no.			
BL 18 G X 1			
contact spring:	gold-plated		
contact sleeve:	gold-plated		

Contacts with solder head

art. no.		art. no.		art. no.	
PK 4 Z		SK 02 ...		SK 03 ...	
SK 04 Z		SK 08 G			

please indicate: **... surface of contact**
G = gold-plated
Z = tin-plated

Pin contacts

art. no.		art. no.		art. no.	
SK 05 ...		SK 11 ...		SK 14 X 2 ...	
SK 40 G		SK 41 ...		SK 42 ...	

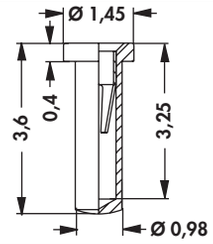
please indicate: **... surface of contact**
G = gold-plated
Z = tin-plated

EL.ITALIA
www.elitaliaweb.it
info@elitaliaweb.it
+39 0233611626

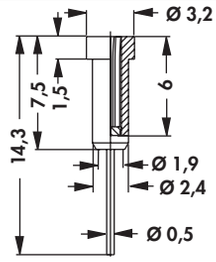
fischer elektronik

Connector-sleeves

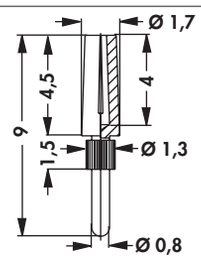
For 0.4 mm with BeCu spring 3 µm Ni, at least 0.1 µm Au

art. no.		
SB 1		

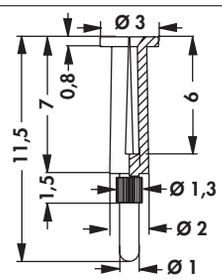
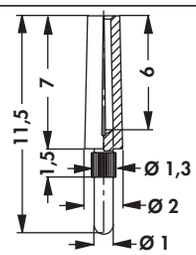
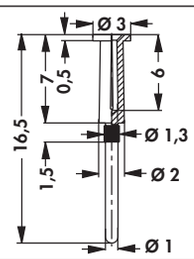
For 0.4 mm with bronze spring, teflon insulated

art. no.		
SB 2		

For 0.8 mm, slotted

art. no.		
SB 3		

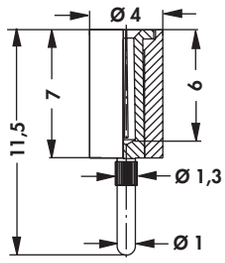
For 1 mm, slotted

art. no.		
SB 4		
art. no.		
SB 5		
art. no.		
SB 6		
surface of contact:	gold-plated	

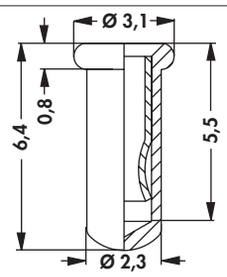
EL.ITALIA
www.elitaliaweb.it
info@elitaliaweb.it
+39 0233611626

Connector-sleeves

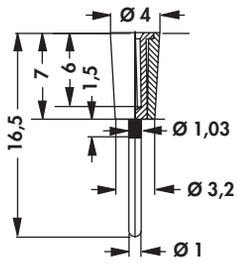
For 1 mm, slotted, plastic insulated

art. no.		
SB 9		

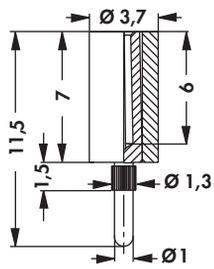
For 1 mm, with BeCu spring 3 µm Ni, 1 µm Au

art. no.		
SB 12		

For 1 mm, slotted, plastic insulated

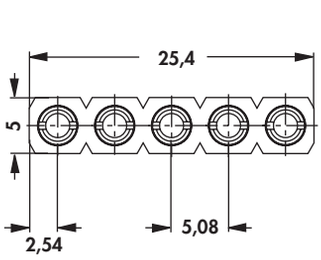
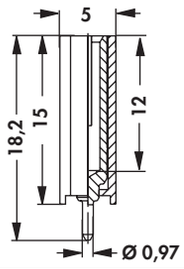
art. no.		
SB 16		

For 2 mm, slotted, plastic insulated

art. no.		
SB 13 ...		

please indicate: **... case colour**
S = black
R = red
B = blue

For 2 mm, slotted, plastic insulated, separable

art. no.		
SB 15		 

surface of contact:	gold-plated

EL.ITALIA
www.elitaliaweb.it
info@elitaliaweb.it
+39 0233611626

Technical data: Sockets

	TF ..., TF G	SK 17 ...	SK 18 ...	SKB 5 Z, SKB 9 Z
contact material	CuZn-alloy			
surface contact / contact sleeve	Ni+≥0.2µm Au	Ni+4...6µm Sn		
inner contact spring material	CuBe-alloy			
inner contact spring surface	Ni+0,75µm Au		Ni+0,25µm Au	Ni+0,75µm Au
plugability for circuit points	Ø0,4...0,56mm/ 0,22x0,25mm... 0,4x0,55mm	□0,22x0,25mm... □0,4x0,55mm/ Ø0,4...0,56mm	Ø0,4...0,56mm/ 0,22x0,25mm... 0,4x0,55mm	
insert depth	2.5...3.6mm			2.5...6mm
insertion / drawing force	4 lamellas contact/ 1.8 N/1.4 N	1.8 N/1.4 N		6 lamella contacts/ 1.3N/0.3N
shock resistance	50 g			
vibration resistance max.	15 g			
volume resistance	10 mΩ			
contact resistance	4 mΩ			
contact resistance after 1000 cycles	7 mΩ			
nominal current	1.5 A			3 A
nominal voltage	100 V DC	60 V DC		150 V DC
test voltage	1000 V			
insulating body material	PTFE			
temperature range	-200°C ... +260°C			
class of inflammability	UL 94 V-0			
specific insulation resistance	$>10^{14}$ Ω·m			
	SK 21 Z	**BL 18 G X 1**	**PK 4 Z, SK 02 ..., SK 03 ..., SK 04 Z, SK 05 ..., SK 08 G, SK 14 X 2 ..., SK 40 G, SK 41 ..., SK 42 ...**	**SB 1**
contact material	CuZn-alloy			
surface contact / contact sleeve	Ni+4...6µm Sn	Ni+≥0.2µm Au	Ni+≥0.2µm Au/ Ni +4...6µm Sn	Ni+≥0,1µm Au
inner contact spring material	CuBe-alloy			CuBe-alloy
inner contact spring surface	Ni+0,75µm Au			Ni+≥0,1µm Au
plugability for circuit points	□0,55...0,65mm/ Ø0,65...0,85mm			Ø0,35...0,5 mm
insert depth	2.5...3.6mm	2.5...6mm		1.5...3mm
insertion / drawing force	1.3N/0.3N			
nominal current	3 A		1.5 A	2 A
nominal voltage	150 V DC		60 V DC	
test voltage	1500 V		1000 V	

EL.ITALIA
www.elitaliaweb.it
info@elitaliaweb.it
+39 0233611626