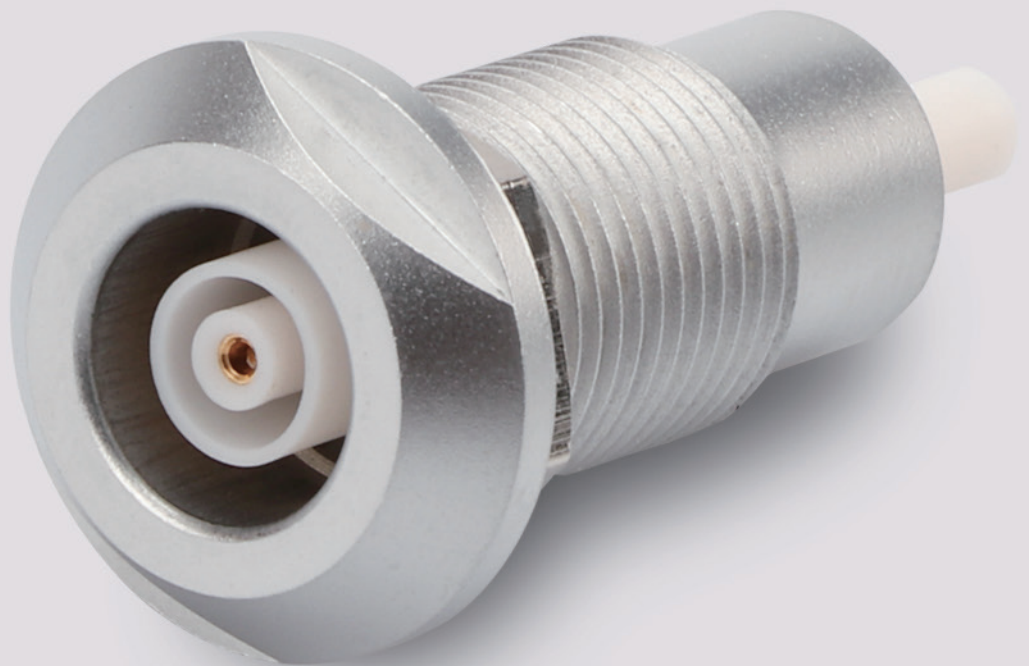
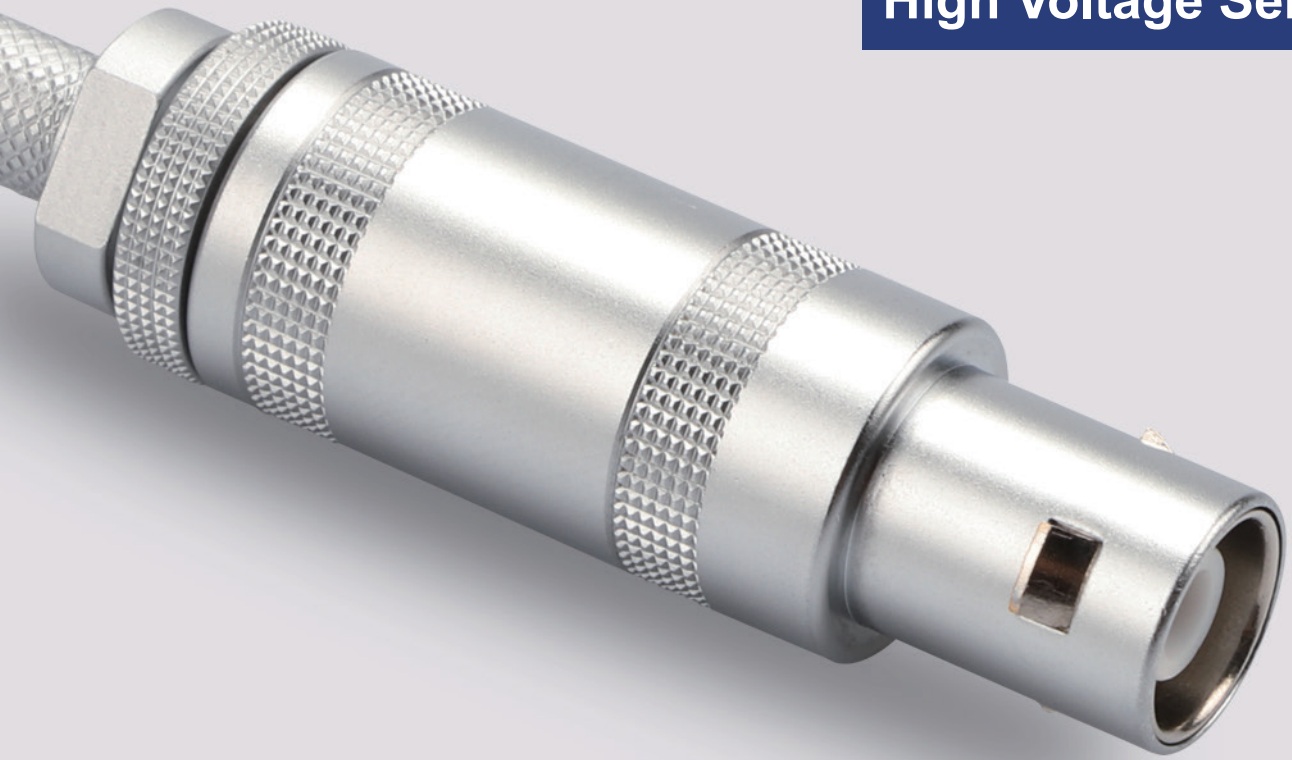


High Voltage Series

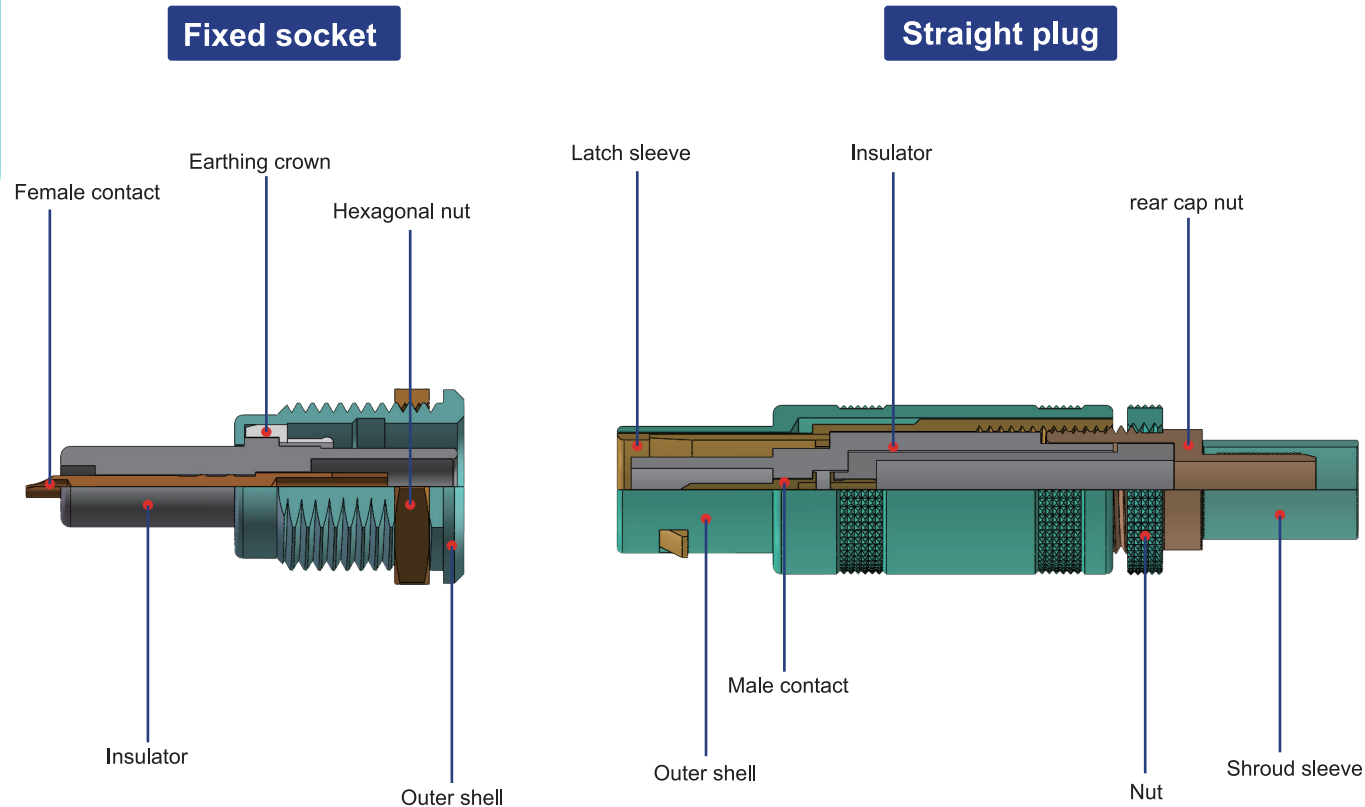


MAIN FEATURES:

- 1.Security of the push-pull self-latching system
2. Suitable for high voltage equipment
- 3.High packing density for space saving
- 4.360° screening for full EMC shielding

PART SECTION SHOWING INTERNAL COMPONENTS

High Voltage Series



Part Numbering System

1.Series: (Page 87)

2.Housing model: (Page 87)

3.Insert configuration: (Page 88)

4.Housing material
C=Chrome plated brass
K=Black Chrome plated brass
N=Nickel plated brass
T=Stainless steel
L=Aluminium alloy anodized

5. Insulator material
T=PTFE

6.Contact type
A=Solder male L=Solder female

7.Cable OD: (Page 83)

8.Outer shell patterns
5=Knurl pattern

9.Collet Nut Type
1=Cone (without bend relief)
2=Collet nut for bend relief
7=Crimp collet nut

10. Earthing tag
0=Without earthing tag
1=With earthing tag

Plug **1S** T1 405 C T A 50 5 2 0
Fixed socket **1S** Z1 405 C T L 00 0 0 0

PART NUMBER EXAMPLE:

Straight plug with cable collet:

1ST1405CTA50520=1S series (405) high voltage straight plug,cable collet.

Fixed socket:

1SZ1405CTL00000=1S series (405) high voltage fixed socket, nut fixing, chrome plated brass outer shell, PTFE insulator, solder contact, without earthing tag.

TECHNICAL CHARACTERISTICS

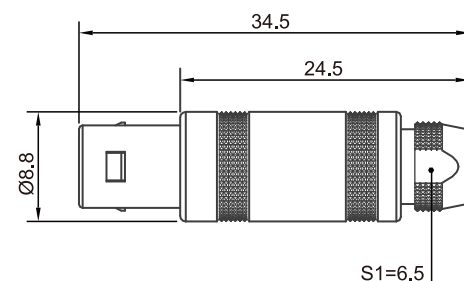
Characteristics	Parameter
Locking Type	push pull self-latching type
Working Temperature	-55°C~ +250°C
Maximum Humidity	up to 95% at 60°/140°F
Shielding Efficiency	75dB(10MHz) 40dB(1GHz)
Resistance to Vibration	15g[10Hz~2000Hz]

Characteristics	Parameter
Salt spray corrosion test	96hr
Shock resistance	100g,6ms
Endurance	5000 cycles
Protection index(mated)	IP50

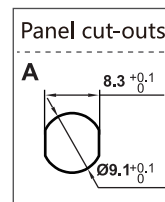
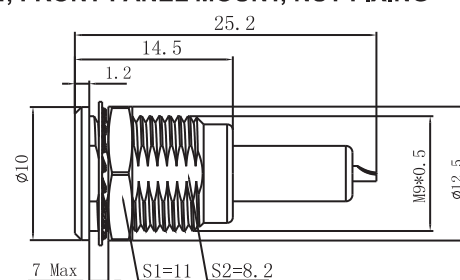
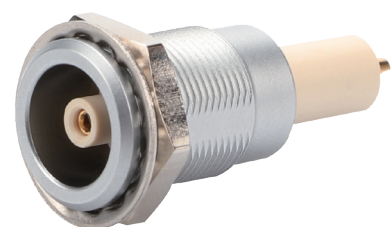
Housing Models

0S series

T1 403 PLUG STRAIGHT PLUG, CABLE COLLET

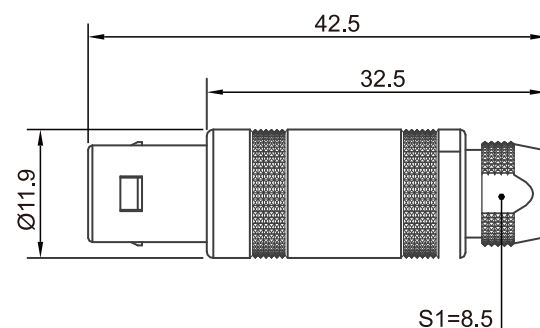


Z1 403 SOCKET FIXED SOCKET, FRONT PANEL MOUNT, NUT FIXING

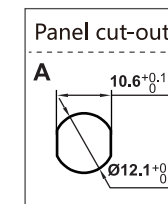
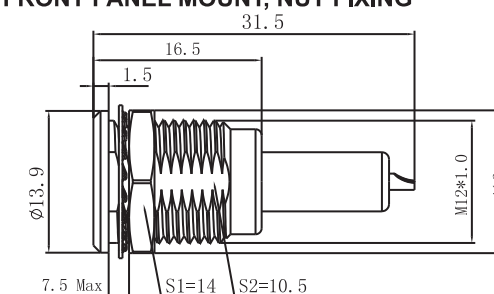
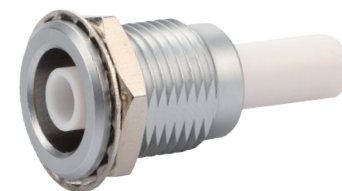


1S series

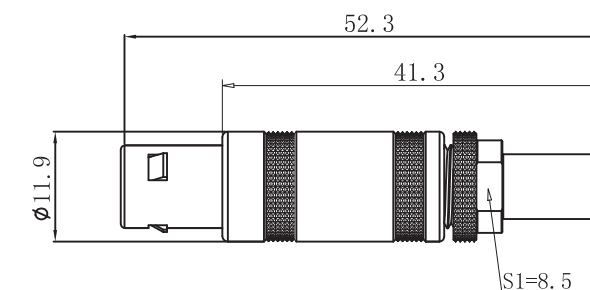
T1 405 PLUG STRAIGHT PLUG, CABLE COLLET



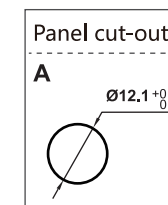
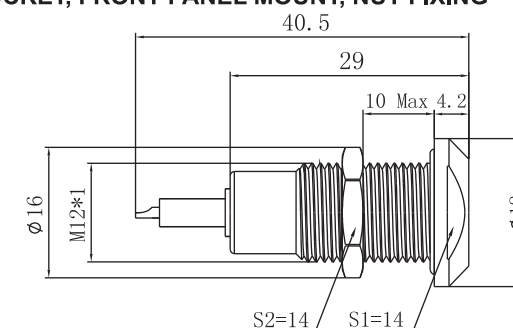
Z1 405 SOCKET FIXED SOCKET, FRONT PANEL MOUNT, NUT FIXING



T1 408 PLUG STRAIGHT PLUG, WITHOUT CABLE COLLET, CRIMP COLLET NUT



Z16 408 SOCKET FIXED SOCKET, FRONT PANEL MOUNT, NUT FIXING



INSERT CONFIGURATION

Series	Code	Solder contacts		Contact ø(mm)	Impedance (Ω)	Rated current (A)	Test voltage (V)	Working voltage (V)
		Male	Female					
0S	403			0.9	—	6	4200	1400
1S	405			1.3	—	8	7500	2500
1S	408			0.9	—	6	12700	4200

CACULATION METHOD: WORKING VOLTAGE= TEST VOLTAGE/3