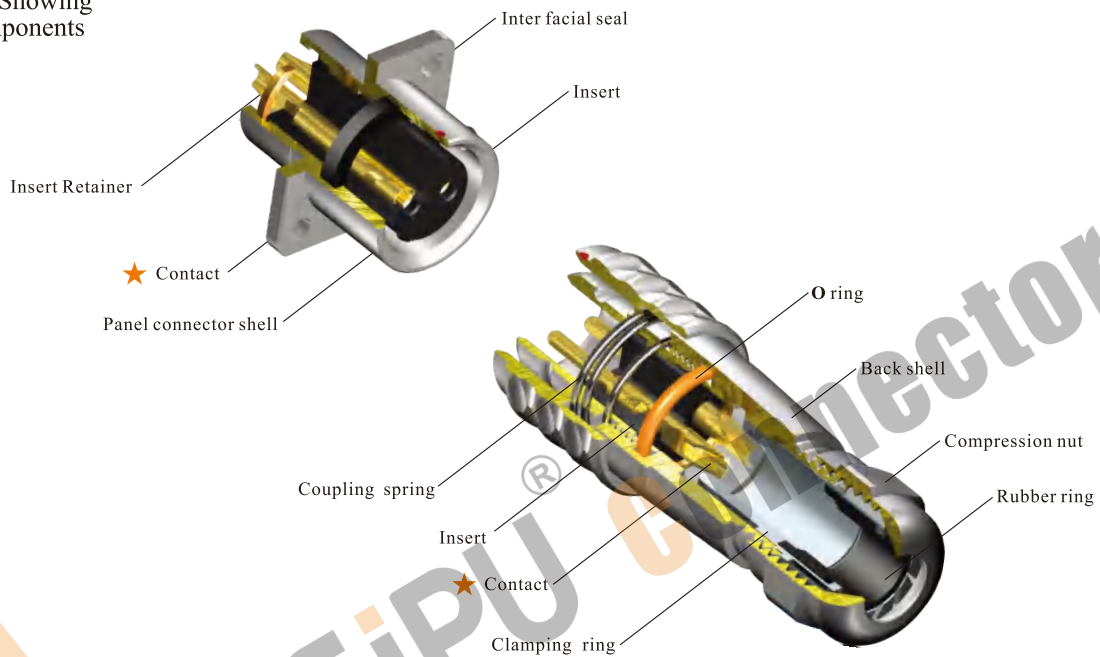


IP67

04

● Part Section Showing Internal Components



★ Each side can be male or female contact

Material and spec

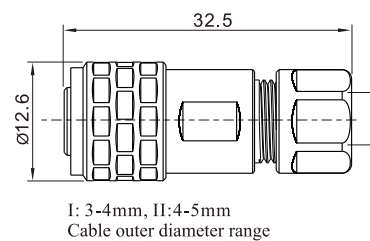
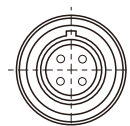
Coupling	Push-pull	
Shell material	Brass with chrome plating	
Insert material	PPS , max temperature 260℃ Data: PBT, PVC	
Contact material	Brass with gold plating	
Termination	Solder: SF6, SF8, SF10, SF12, SF16, SF20, SF24 Crimp: SF16, SF20, SF24 Screw: SF20, SF24(Ø2.5mm contact)	
Cable outer diameter range	SF6: I: 2-3mm, II: 3-4mm SF8: I: 3-4mm, II: 4-5mm SF10: I: 3-4mm, II: 4-6.5mm SF12: I: 4-6.5mm, II: 5-8mm	SF16: I: 5-8mm, II: 8-12mm SF20: I: 5-9mm, II: 8-12mm SF24: 10-14mm
IP rating	IP67 (mated)	
Mating cycle	500 USB:1000	
Working temperature range	-40℃ ~ +85℃ Data : -20℃ ~ +70℃	
Insulation resistance	2000MΩ	
Transmission Speed	Cat 5: 100Mbps Cat 6: 100-1000Mbps	

SF
8

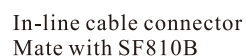
**SF810B/S_**

Male contact

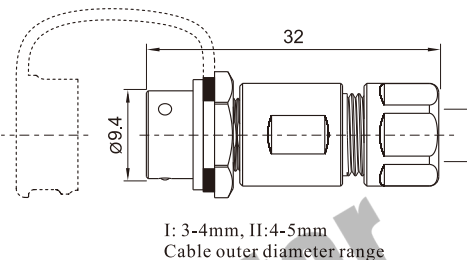
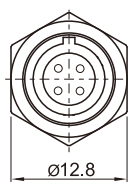
- Cable outer diameter range
I: 3-4mm, II: 4-5mm
- Number of contact
- Female contact



I: 3-4mm, II:4-5mm
Cable outer diameter range



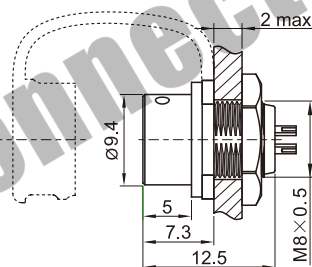
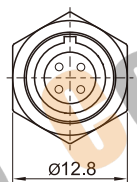
SF811B/S__



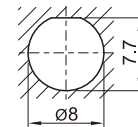
I: 3-4mm, II: 4-5mm
Cable outer diameter range



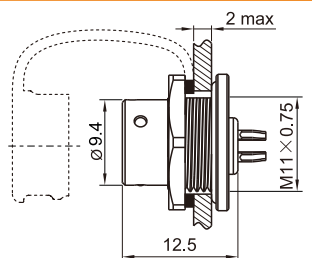
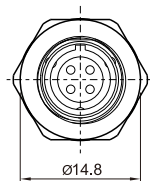
SF812B/S__



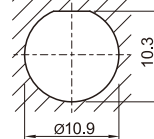
Panel cutout



SF815B/S__



Panel cutout



Number of contact	2	3	4	6	8
Male contact face view					
Rated current (A)	5	5	3	3	3
Contact diameter(mm)	Ø1×2	Ø1×3	Ø0.6×4	Ø0.6×6	Ø0.6×8
Rated voltage (AC.V)	125	125	30	30	30
Test voltage(AC.V) 1 min	1000	1000	500	500	500
Contact resistance(mΩ)	5	5	10	10	10
Wire size (mm²/AWG)	≤0.75/18	≤0.75/18	≤0.5/20	≤0.5/20	≤0.5/20

SF8 Anti-bending



SF8

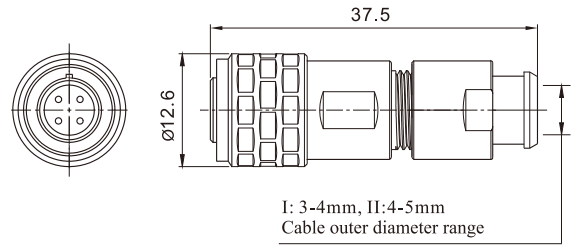


Cable connector
Mate with SF811S, SF812B, SF815B

SF810S/P — SF810S/S

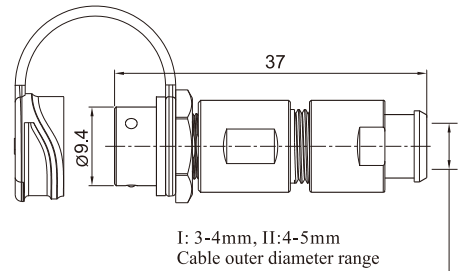
Male contact

Cable outer diameter range
I: 3-4mm, II: 4-5mm
Number of contact
Female contact



SF811S/P — SF811S/S

In-line cable connector
Mate with SF810S



Note: The bend relief must be ordered separately (page 04-20)

Solder contact spec

Number of contact	2	3	4	6	8
Male contact face view					
Rated current (A)	5	5	3	3	3
Contact diameter (mm)	1×2	1×3	0.6×4	0.6×6	0.6×8
Rated voltage (AC.V)	125	125	30	30	30
Test voltage (AC.V) 1 min	1000	1000	500	500	500
Contact resistance (mΩ)	5	5	10	10	10
Wire size (mm²/AWG)	≤0.75/18	≤0.75/18	≤0.5/20	≤0.5/20	≤0.5/20