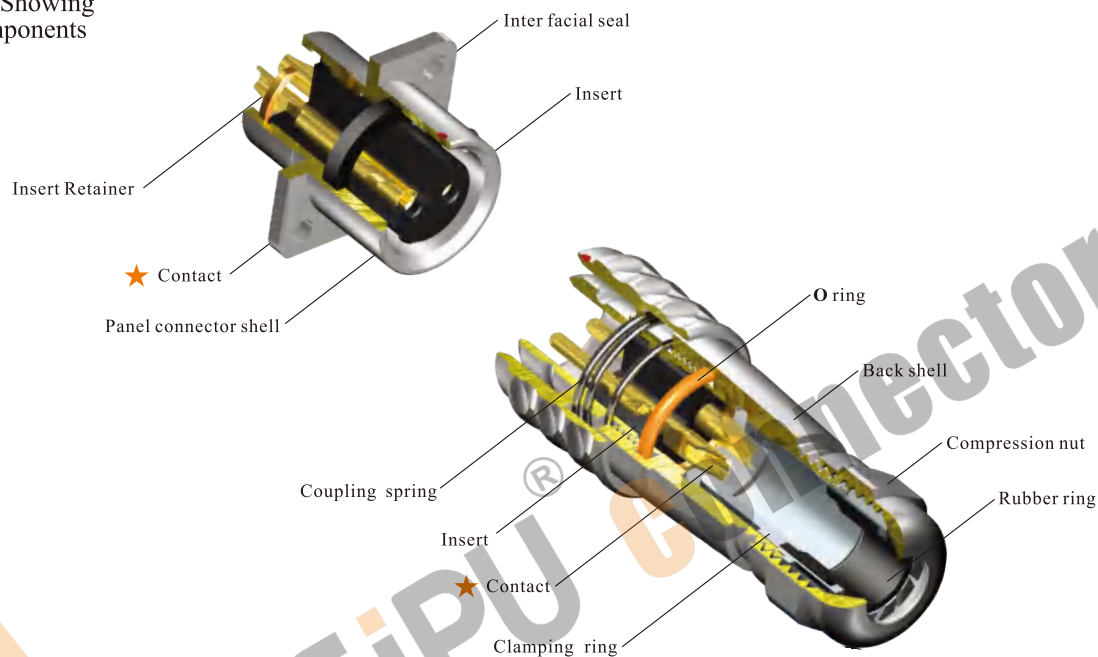


IP67

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	

SF6 Series

SF
6



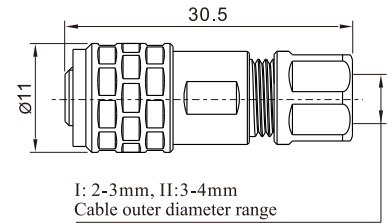
Cable connector
Mate with SF611B, SF612B,
SF615B

SF610B/P

SF610B/S

Male contact

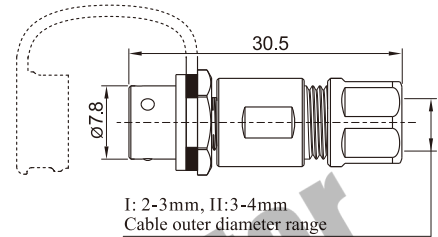
Cable outer diameter range
I: 2-3mm, II: 3-4mm
Number of contact
Female contact



In-line cable connector
Mate with SF610B

SF611B/P

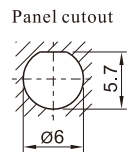
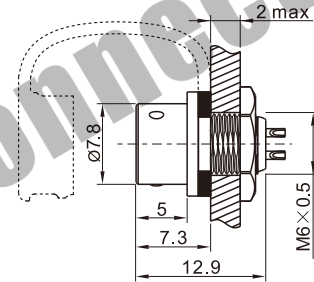
SF611B/S



Rear-nut mount
Mate with SF610B

SF612B/P

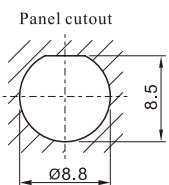
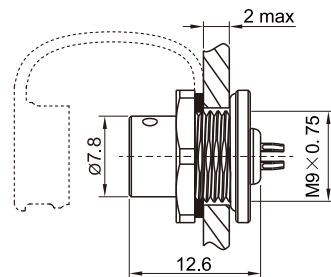
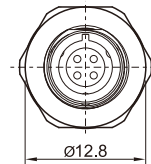
SF612B/S



Front-nut mount
Mate with SF610B

SF615B/P

SF615B/S



Solder contact spec

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

SF6 Anti-bending



SF6

04

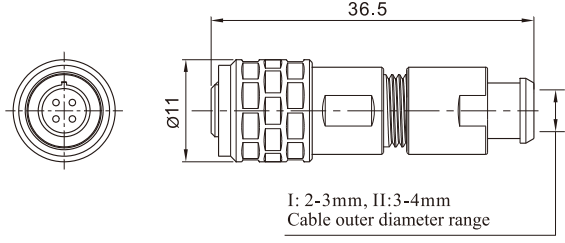


Cable connector
Mate with SF611S, SF612B, SF615B

SF610S/P SF610S/S

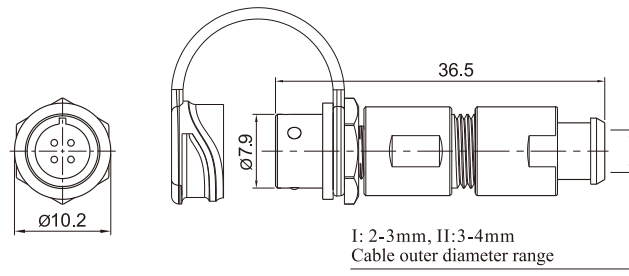
Male contact Female contact

Cable outer diameter range
I: 2-3mm, II: 3-4mm
Number of contact



In-line cable connector
Mate with SF610S

SF611S/P SF611S/S



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

Solder contact spec

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