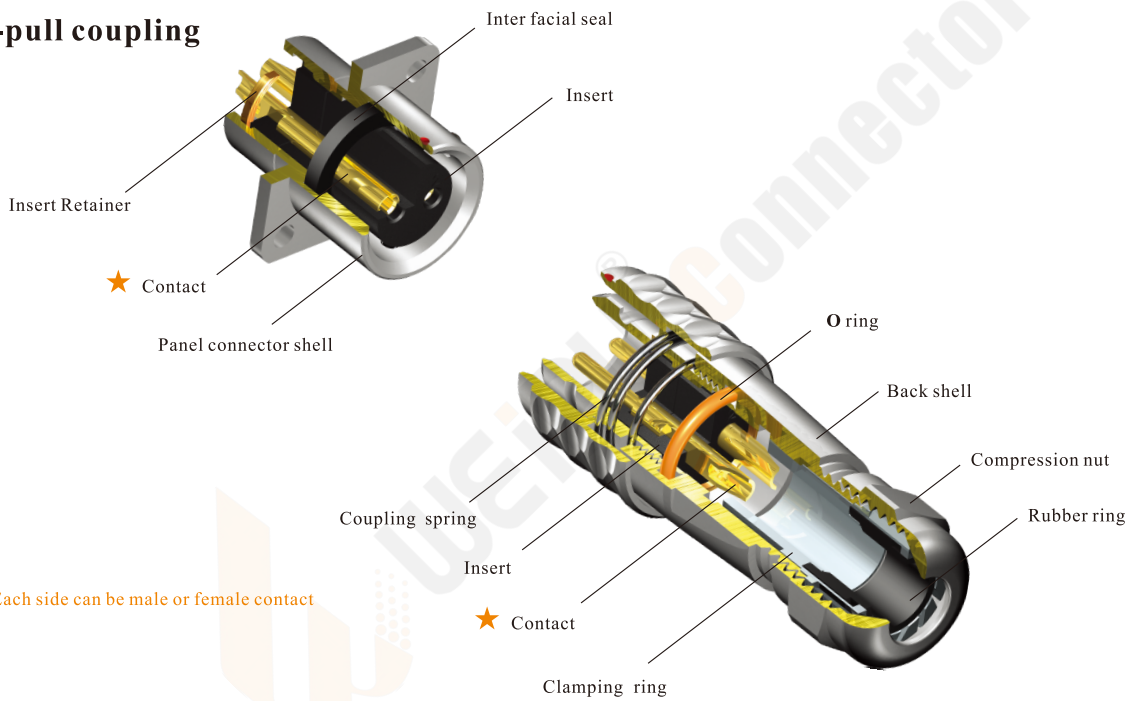


IP67

02



- SF Series IP67
- Push-pull coupling



Material and spec

Coupling	Push-pull
Shell material	Brass with chrome plating
Insert material	PPS max temperature 260 °C
Contact material	Brass with gold plating
Termination	Solder: SF6, SF8, SF10, SF12, SF16, SF20 Crimp: SF16, SF20 Screw: SF20 (Ø2.5mm contact)
Cable outer diameter range	SF6: I: 2-3mm, II: 3-4mm      SF12: I: 4-6.5mm, II: 5-8mm SF8: I: 3-4mm, II: 4-5mm      SF16: I: 5-8mm, II: 8-12mm SF10: I: 3-4mm, II: 4-6.5mm      SF20: I: 5-9mm, II: 8-12mm
IP rating	IP67
Mating cycle	500
Temperature range	-40°C ~ +85°C
Insulation resistance	2000MΩ

## SF12 Series

**SF  
12**

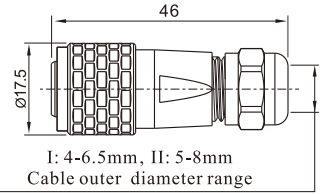
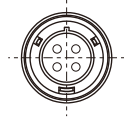
02



Cable connector  
Mate with SF1211, SF1212,  
SF1213, SF1215

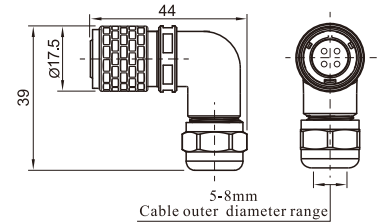
SF1210 / P — Male contact  
SF1210 / S — Female contact

Cable outer diameter  
I: 4-6.5mm, II: 5-8mm  
Number of contact  
Female contact



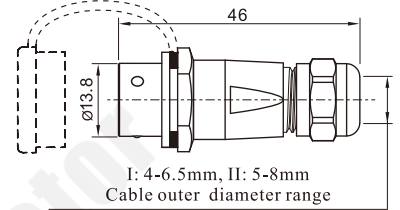
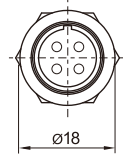
Angled cable connector  
Mate with SF1211, SF1212, SF1213, SF1215

SF1214 / P — II Male contact  
SF1214 / S — II Female contact



In-line cable connector  
Mate with SF1210, SF1214

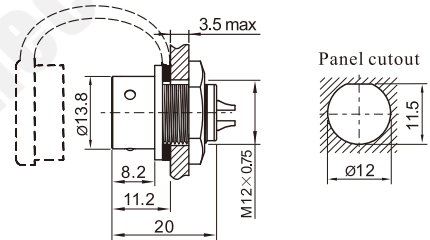
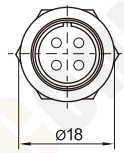
SF1211 / P — Male contact  
SF1211 / S — Female contact



Rear-nut mount  
Mate with SF1210,  
SF1214

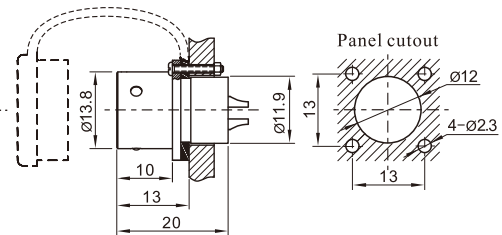
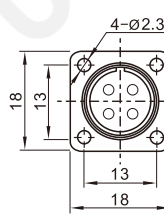
SF1212 / P — Male contact  
SF1212 / S — Female contact

Number of contact



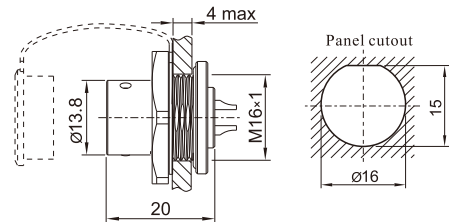
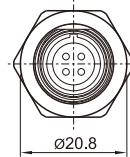
Square flange  
Mate with SF1210,  
SF1214

SF1213 / P — Male contact  
SF1213 / S — Female contact



Front-nut mount  
Mate with SF1210,  
SF1214

SF1215 / P — Male contact  
SF1215 / S — Female contact



### Solder contact spec

Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13	13	5	5	5	5	3
Contact diameter(mm)	Ø1.6X2	Ø1.6X3	Ø1X4	Ø1X5	Ø1X6	Ø1X7	Ø0.7X9
Rated voltage (AC.V)	250	250	200	180	125	125	125
Test voltage(AC.V) 1 min	1500	1500	1500	1000	1000	1000	1000
Contact resistance (mΩ)	2.5	2.5	5	5	5	5	10
Wire size (mm <sup>2</sup> /AWG)	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.5/20