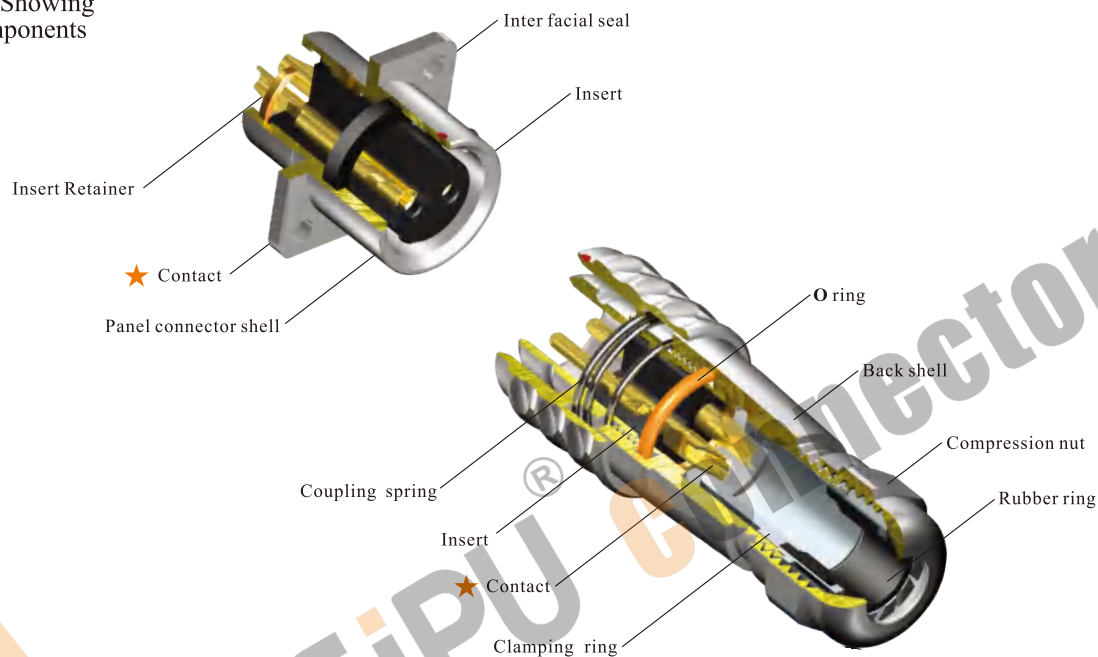


IP67

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

SF24 Series

**SF
24**

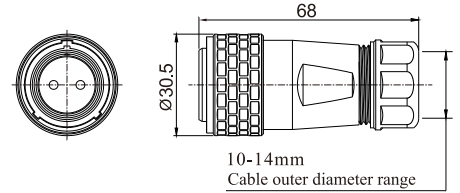


Cable connector
Mate with SF2411, SF2412, SF2413, SF2415

SF2410 / P _ _ _ SF2410 / S _ _ _

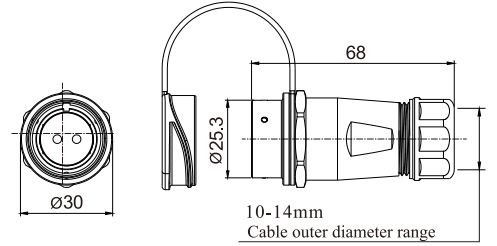
Male contact

1: solder, 2: screw, 3: crimp, 8: angled screw
Cable outer diameter range 10-14mm,
Number of contact
Female contact



In-line cable connector
Mate with SF2410

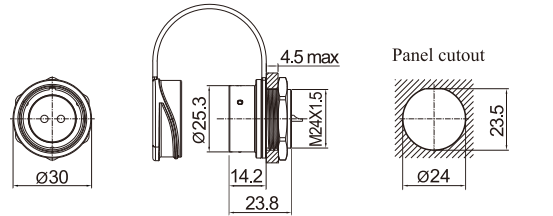
SF2411 / P _ _ _ SF2411 / S _ _ _



Rear-nut mount
Mate with SF2410

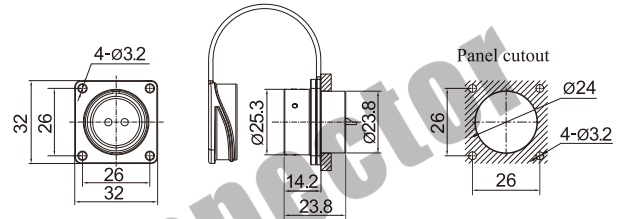
SF2412 / P _ _ _ SF2412 / S _ _ _

1: solder, 2: screw, 3: crimp,
8: angled screw
Number of contact



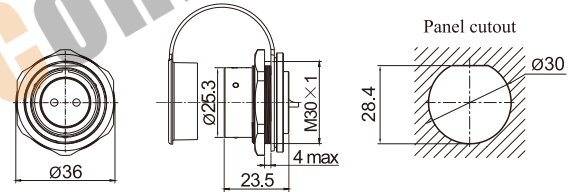
Square flange
Mate with SF2410

SF2413 / P _ _ _ SF2413 / S _ _ _



Front-nut mount
Mate with SF2410

SF2415 / P _ _ _ SF2415 / S _ _ _



Solder contact spec

★Crimp contact spec see P22

★Screw contact spec see P23

Number of contact	2	3	4	9	10	12	12B	19
Male contact face view								
Rated current (A)	25	25	25	5 25	10	10	5 30	5
Contact diameter(mm)	Ø2.5X2	Ø2.5X3	Ø2.5X4	Ø1X5 Ø2.5X4	Ø1.5X10	Ø1.5X12	Ø1X9 Ø3X3	Ø1X19
Rated voltage (AC.V)	500	500	500	500	500	500	500	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1200
Contact resistance (mΩ)	1	1	1	5 1	2.5	2.5	5 1	5
Insulation resistance(MΩ)	2000	2000	2000	2000	2000	2000	2000	2000
Wire size (mm ² /AWG)	≤4/12	≤4/12	≤4/12	≤0.75/18 ≤4/12	≤1.5/16	≤1.5/16	≤0.75/18 ≤4/12	≤0.75/18
Wire size for screw termination	Min:0.5/20 Max:1.5/15	Min:0.5/20 Max:1.5/15	Min:0.5/20 Max:1.5/15	/	/	/	/	/