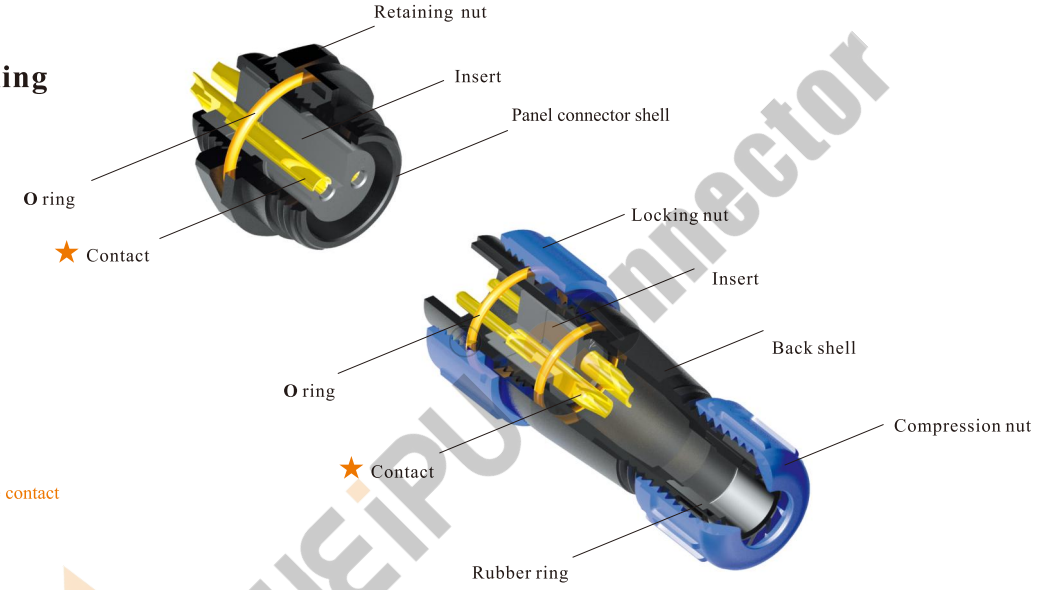
- **SP Series IP68**
- **Threaded coupling**



★ Each side can be male or female contact

Material and spec

Coupling	Threaded
Shell material	PC, PA66, fire resistance: V-0
Insert material	PPS, max temperature 260 ℃ PA66, max temperature –30℃ ~ +125℃ (Only for horizontal mount screw of SP17/SP21Series)
Contact material	Brass with gold plating
Termination	Solder: SP11, SP13, SP17, SP21, SP25, SP29 Crimp: SP17, SP21, SP25, SP29 Screw: SP17, SP21, SP25, SP29 (Ø2, Ø2.5, Ø3, Ø3.5 mm contact)
Cable outer diameter range	SP11: I: 3-4mm, II: 4-6.5mm SP17: I: 6-10mm SP25: I: 10-14mm , II: 7-12mm SP13: I: 4-6.5mm , II: 5-8mm SP21: I: 4.5-7mm, II: 7-12mm , III: 5-9mm SP29: I: 9-13mm, II: 13-16mm
IP rating	IP68 (mated)
Mating cycle	500
Temperature range	-40℃ ~ +85℃
Insulation resistance	2000 MΩ

SP25 Series

NEW

SP 25

SP2510 / P__ __-__ SP2510 / S__ __-__

Male contact

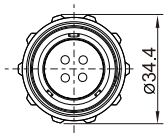
1:solder, 2:screw, 3:crimp

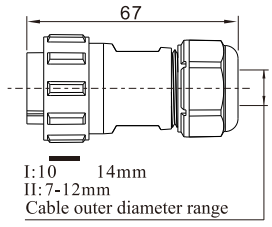
Cable outer diameter range
I: 10-14mm, II: 7-12mm

Number of contact

Female contact

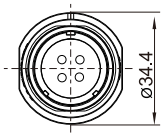
Cable connector
Mate with SP2511, SP2511C, SP2512, SP2513

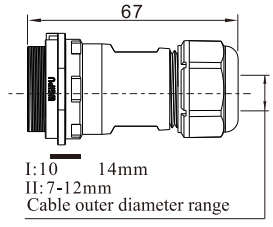




SP2511C / P__ __-__ SP2511C / S__ __-__

In-line cable connector C
Mate with SP2510



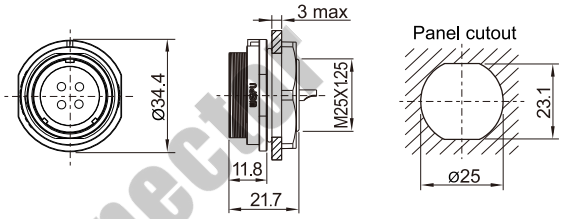


SP2512 / P__-__ SP2512 / S__-__

1:solder, 2:screw, 3:crimp

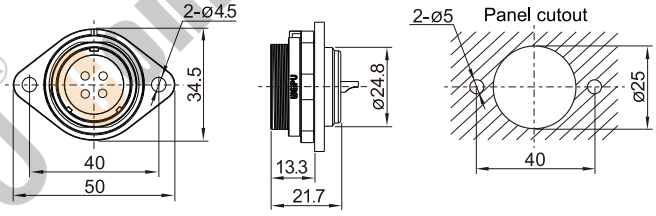
Number of contact

Rear-nut mount
Mate with SP2510



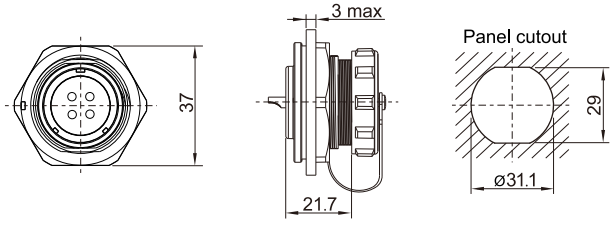
SP2513 / P__-__ SP2513 / S__-__

2-hole flange
Mate with SP2510



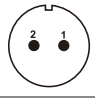
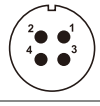
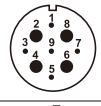
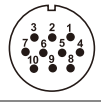
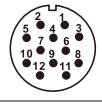
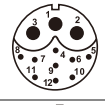
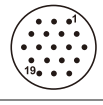
SP2515 / P__-__ SP2515 / S__-__

Front-nut mount
Mate with SP2510



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
Termination	solder / screw	solder / screw	solder / screw	/	/	/	/	/
Wire size (mm²/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	/	/	/	/	/

WEIPU Connector