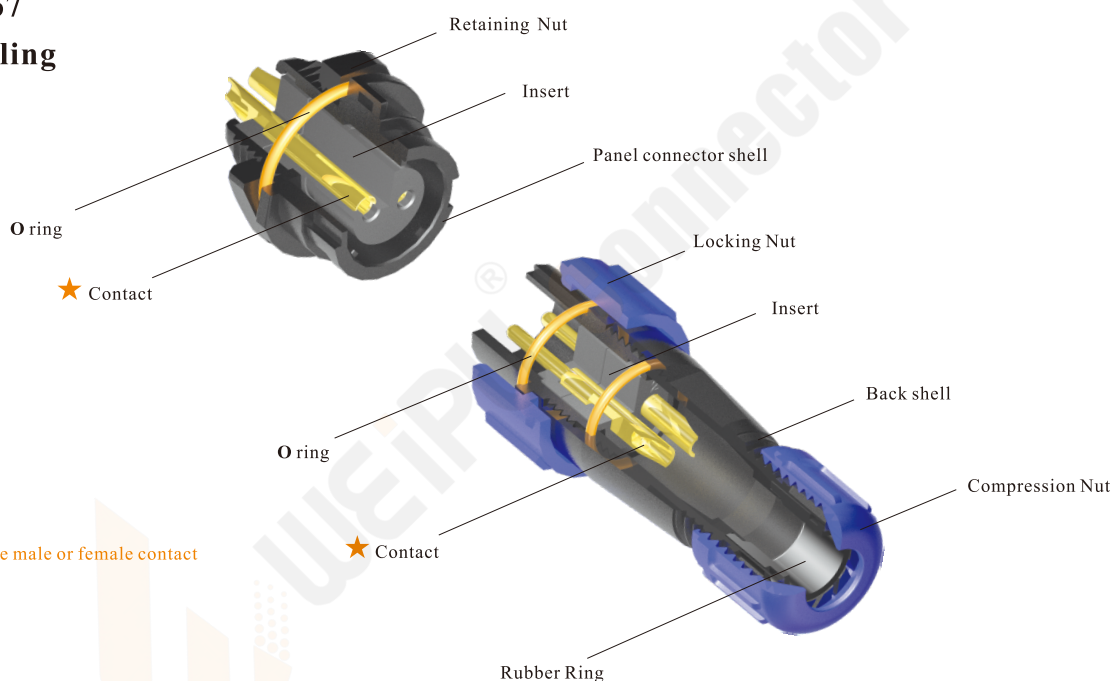


IP67



06

- SY Series IP67
- Bayonet coupling



Material and spec

Coupling	Bayonet	
Shell material	PC, Nylon66, fire resistance: V-0	
Insert material	PPS, max temperature 260 °C	
Contact material	Brass with gold plating	
Termination	Solder: SY11, SY13, SY17, SY21, SY25, SY29 Crimp: SY17, SY21, SY25, SY29 Screw: SY21, SY25, SY29(Ø2.5, Ø3, Ø3.5mm contact)	
Cable outer diameter range	SY11: I:3-4mm, II:4-6.5mm SY17: 6-10mm SY25: I:10-14mm, II: 7-12mm	SY13: I: 4-6.5mm, II: 5-8mm SY21: I: 4.5-7mm, II:7-12mm III:5-9mm SY29: I:9-13mm, II:13-16mm
IP rating	IP67	
Mating cycle	500	
Temperature range	-40℃~+85℃; -20℃~+70℃	
Insulation resistance	2000 MΩ	

SY25 Series



**SY
25**



Cable connector
Mate with SY2511, SY2511C,
SY2512, SY2513

SY2510/P --- SY2510/S

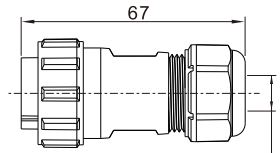
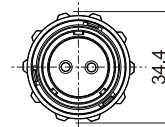
Male contact

Female contact

Number of contact

1: solder, 2: screw, 3: crimp

Cable outer diameter range
I: 10-14mm

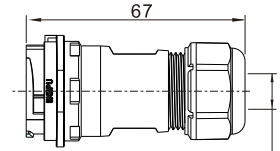
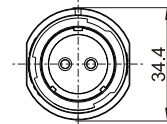


I: 10 14mm 7-12mm
Cable outer diameter range



In-line cable connector C
Mate with SY2510

SY2511C / P --- SY2511C / S ---



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

06

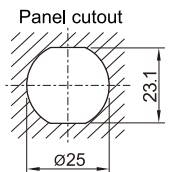
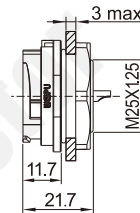
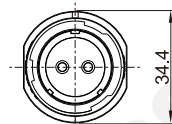


Rear-nut mount
Mate with SY2510

SY2512 / P --- SY2512 / S ---

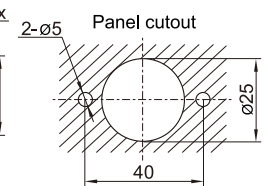
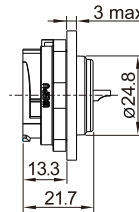
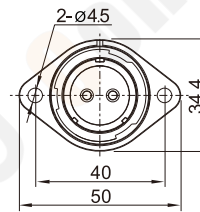
Number of contact

1: solder, 2: screw, 3: crimp



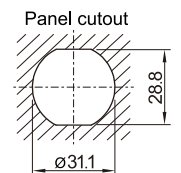
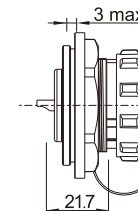
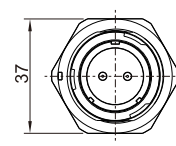
2-hole flange
Mate with SY2510

SY2513 / P --- SY2513 / S ---



Front-nut mount
Mate with SY2510

SY2515 / P --- SY2515 / S ---



Solder contact spec

★Crimp contact spec see P20

★Screw contact spec see P21

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)	≤4/11	≤4/11	≤4/11	≤0.75/18 ≤4/11	≤2/14	≤2/14	≤0.75/18 ≤4/11	≤0.75/18