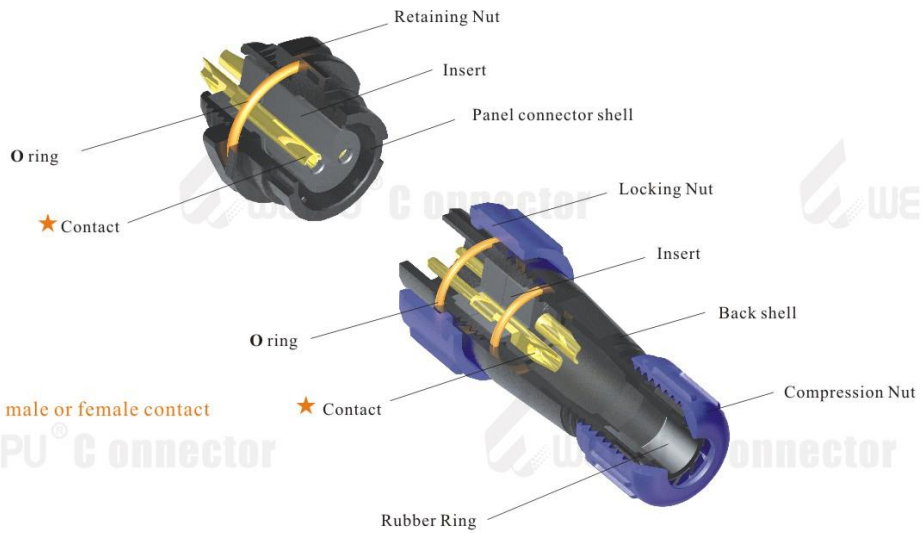




● SY13/SY17/SY21 IP67 Bayonet Coupling



Material and spec

Coupling	Bayonet
Shell material	Nylon66, fire resistance : V-0
Insert material	PPS max temperature 260 °C, fire resistance : V-0
Contact material	Brass with gold plating
Termination	SY13:solder, SY17:solder/ crimp, SY21:solder / screw / crimp
Cable outer diameter range	SY13 I: 4-6.5mm SY13 II: 5-8mm, SY17: 6-10mm, SY21 I: 4.5-7mm SY21 II: 7-12mm
IP rating	IP67
Mating cycle	>500
Temperature range	-25°C ~ +85°C
Insulation resistance MΩ	2000

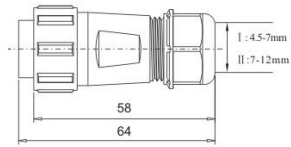
SY21 Series IP67 solder/screw/crimp termination

**SY
21**



Cable connector

Mate with SY2111, SY2112, SY2113



SY2110/P

SY2110/S

C: with cap, N: without cap

1:solder, 2:screw, 3:crimp

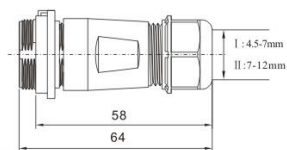
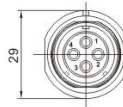
Cable outer diameter: I: 4.5-7mm, II: 7-12mm

Number of contact: 2.3.4.5.5B.5C.7.8.9.12



In-line cable connector

Mate with SY2110



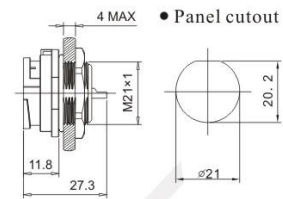
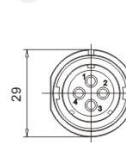
SY2111/P

SY2111/S



Front mount

Mate with SY2110



SY2112/P

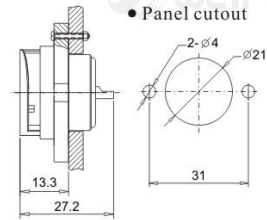
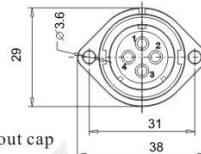
SY2112/S

• Panel cutout



2-hole flange

Mate with SY2110



SY2113/P

SY2113/S

C: with cap, N: without cap

1:solder, 2:screw, 3:crimp

Number of contact: 2.3.4.5.5B.5C.7.8.9.12






• Panel cutout

Contact arrangement and spec for solder/screw termination

★ For crimp spec see P49-P52

Number of contact	2	3	4	5	5B	5C	7	9	12
Male contact face view									
Rated current (A)	30A	30A	30A	30A	5A, 30A	15A	15A	5A	5A
Contact diameter	∅3X2	∅3X3	∅3X4	∅3X5	∅1X3 ∅3X2	∅2X5	∅2X7	∅1X9	∅1X12
Termination	solder / screw	solder / screw	solder / screw	solder / screw	solder / screw	solder	solder	solder	solder
Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V	500V	500V	400V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1200V
Contact resistance _{mΩ}	1	1	1	1	5, 1	2.5	2.5	5	5
Wire size _{mm²/AWG}	≤4.17/11	≤4.17/11	≤4.17/11	≤4.17/11	≤0.785/18 ≤4.17/11	≤2/14	≤2/14	≤0.785/18	≤0.785/18

★ Crimp contact arrangement and spec for WS,WF,WY,WP,SP,SY series

WS20、WF20、WY20、WP20 SP21、SY21	2	3	5	7	8
Male contact face view					
Rated current (A)	25A	25A	10A	10A	5A
Contact diameter	∅ 2.5X2	∅ 2.5X3	∅ 1.5X5	∅ 1.5X7	∅ 1X8
Rated voltage (AC.V)	500V	500V	500V	500V	500V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V
Contact resistance mΩ	1	1	2.5	2.5	5
Insulation resistanceMΩ	2000	2000	2000	2000	2000