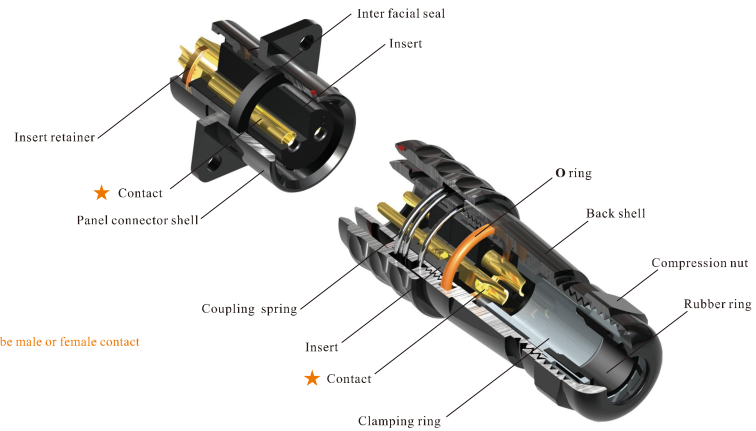


IP67



Internal Structure



★ Each side can be male or female contact

Material and spec

Coupling	Push-pull		
Shell material	Anodized aluminium		
Insert material	PPS, max temperature 260 °C Data: PBT, PVC		
Contact material	Brass with gold plating		
Termination	Solder: SA6, SA8, SA10, SA12, SA16, SA20, SA24, SA28 Crimp: SA16, SA20, SA24, SA28 Screw: SA20, SA24, SA28		
Cable outer diameter range	SA6: I: 2-3mm, II: 3-4mm SA8: I: 3-4mm, II: 4-5mm SA10: I: 3-4mm, II: 4-6.5mm	SA12: I: 4-6.5mm, II: 5-8mm SA16: I: 5-8mm, II: 8-12mm SA20: I: 5-9mm, II: 8-12mm	SA24: 10-14mm SA28: I: 9-13mm, II: 13-16mm
IP rating	IP67 (mated)		
Mating cycle	500 USB: 1000		
Working temperature range	-40°C ~ +85°C; Data: -20°C ~ +70°C		
Insulation resistance	2000MΩ		
Transmission Speed	Cat 5: 100Mbps Cat 6: 100-1000Mbps		

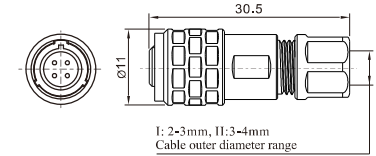
SA6 Series



Cable connector
Mate with SA611, SA612,
SA615

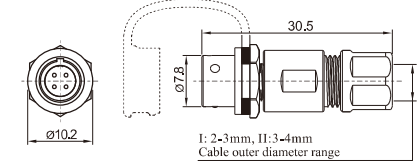
SA610 / P SA610 / S
Male contact

Colour:
B: Black
S: Silver
L: Blue (special order)
G: Green (special order)
R: Red (special order)
Cable outer diameter range
I: 2-3mm, II: 3-4mm
Number of contact
Female contact



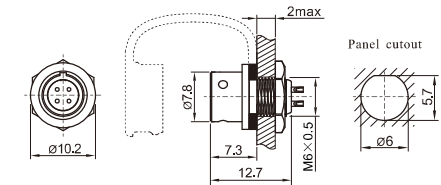
SA611 / P SA611 / S

In-line cable connector
Mate with SA610



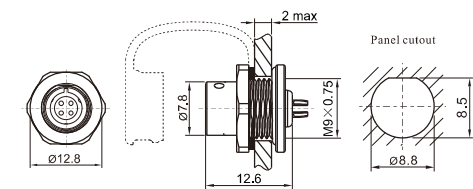
SA612 / P SA612 / S

Rear-nut mount
Mate with SA610



SA615 / P SA615 / S

Front-nut mount
Mate with SA610



Solder contact spec

Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	3	3	3	3
Contact diameter(mm)	Ø0.6×2	Ø0.6×3	Ø0.6×4	Ø0.6×5
Rated voltage (AC.V)	30	30	30	30
Test voltage(AC.V) 1 min	500	500	500	500
Contact resistance(mΩ)	10	10	10	10
Wire size (mm²/ AWG)	≤0.5/20	≤0.5/20	≤0.5/20	≤0.5/20