DATASHEET

Circular Connector set

Technical data

Item no.	Connection Type	Pins	Rated Output	Wire Gauge	Outer cable diameter Ø	Contact resistance Max	Ingress protection
3758551	Plug/Four-hole socket	2 pins	400 VAC 10 A	1.0 - 1.5 mm²/ 18 - 16 AWG	5.0 - 9.0 mm	3.0 mΩ	IP67
3758553	Plug/Mating female connector	2 pins	400 VAC 10 A	1.0 - 1.5 mm²/ 18 - 16 AWG	5.0 - 9.0 mm	3.0 mΩ	IP67
3758555	Plug/Single-hole socket	2 pins	400 VAC 10 A	1.0 - 1.5 mm²/ 18 - 16 AWG	5.0 - 9.0 mm	3.0 mΩ	IP67
3758552	Plug/Four-hole socket	3 pins	400 VAC 10 A	1.0 - 1.5 mm²/ 18 - 16 AWG	5.0 - 9.0 mm	3.0 mΩ	IP67
3758554	Plug/Single-hole socket	3 pins	400 VAC 10 A	1.0 - 1.5 mm²/ 18 - 16 AWG	5.0 - 9.0 mm	3.0 mΩ	IP67
3758556	Plug/Mating female connector	3 pins	400 VAC 10 A	1.0 - 1.5 mm²/ 18 - 16 AWG	5.0 - 9.0 mm	3.0 mΩ	IP67
3758557	Plug/Four-hole socket	4 pins	400 VAC 10 A	1.0 - 1.5 mm²/ 18 - 16 AWG	5.0 - 9.0 mm	3.0 mΩ	IP67
3758558	Plug/Single-hole socket	4 pins	400 VAC 10 A	1.0 - 1.5 mm²/ 18 - 16 AWG	5.0 - 9.0 mm	3.0 mΩ	IP67
3758559	Plug/Mating female connector	4 pins	400 VAC 10 A	1.0 - 1.5 mm²/ 18 - 16 AWG	5.0 - 9.0 mm	3.0 mΩ	IP67
3758560	Plug/Four-hole socket	2 pins	500 VAC 20 A	2.5 - 4.0 mm²/ 14 - 12 AWG	6.5 - 12.0 mm	1.0 mΩ	IP67
3758561	Plug/Single-hole socket	2 pins	500 VAC 20 A	2.5 - 4.0 mm²/ 14 - 12 AWG	6.5 - 12.0 mm	1.0 mΩ	IP67
3758562	Plug/Mating female connector	2 pins	500 VAC 20 A	2.5 - 4.0 mm²/ 14 - 12 AWG	6.5 - 12.0 mm	1.0 mΩ	IP67
3758563	Plug/Single-hole socket	3 pins	500 VAC 20 A	2.5 - 4.0 mm²/ 14 - 12 AWG	6.5 - 12.0 mm	1.0 mΩ	IP67
3758564	Plug/Four-hole socket	3 pins	500 VAC 20 A	2.5 - 4.0 mm²/ 14 - 12 AWG	6.5 - 12.0 mm	1.0 mΩ	IP67
3758565	Plug/Mating female connector	3 pins	500 VAC 20 A	2.5 - 4.0 mm²/ 14 - 12 AWG	6.5 - 12.0 mm	1.0 mΩ	IP67
3758566	Plug/Four-hole socket	4 pins	500 VAC 20 A	2.5 - 4.0 mm²/ 14 - 12 AWG	6.5 - 12.0 mm	1.0 mΩ	IP67
3758567	Plug/Single-hole socket	4 pins	500 VAC 20 A	2.5 - 4.0 mm²/ 14 - 12 AWG	6.5 - 12.0 mm	1.0 mΩ	IP67
3758568	Plug/Mating female connector	4 pins	500 VAC 20 A	2.5 - 4.0 mm²/ 14 - 12 AWG	6.5 - 12.0 mm	1.0 mΩ	IP67

IInsulation resistance(Min).....500 MΩ
Operating cycles Min.....500 times
Material.....Shell & insulated: PBT
Hardware metal: Zinc alloy
Contact member: Copper alloy with gold plating
Sealing strip: rubber
Operating Temperature.....-25 to +85 °C

Features

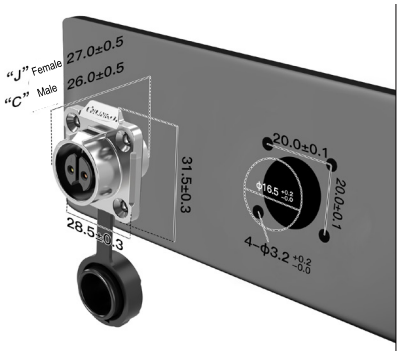
- Plastic, Metal, or semi-metallic options to suppport shielding, tensile strength, and corrosion resistance
- Single-button push lock
- High-strength, pressure-resistant construction to resist vibration and mechanical shock

Item no.: 3758551 3758553 3758555

(unit: mm)



★ Plug

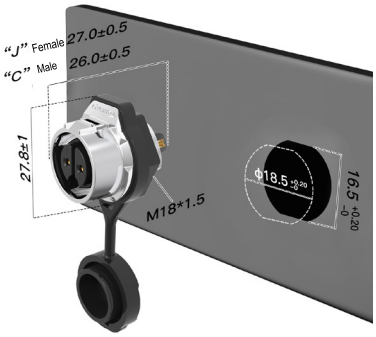


▲ Four-hole flange receptacle

(unit: mm)



▲ Floating connector



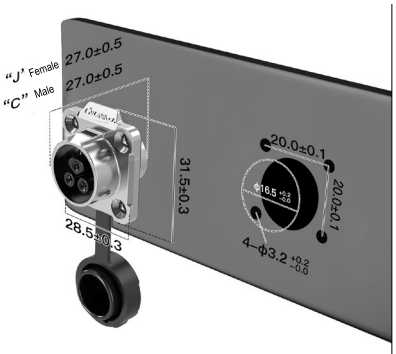
▲ Single-hole straight receptacle

Item no.: 3758552 3758554 3758556

(unit: mm)



★ Plug

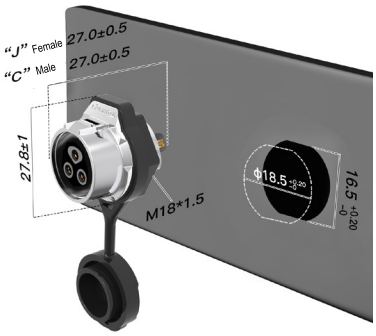


▲ Four-hole flange receptacle

(unit: mm)



▲ Floating connector



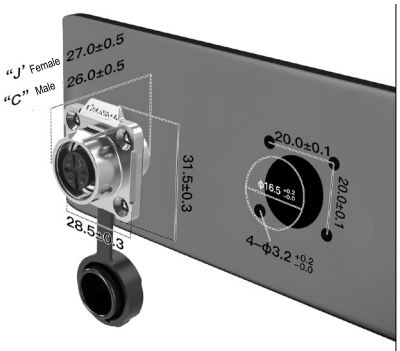
▲ Single-hole straight receptacle

Item no.: 3758557 3758558 3758559

(unit: mm)



★ Plug

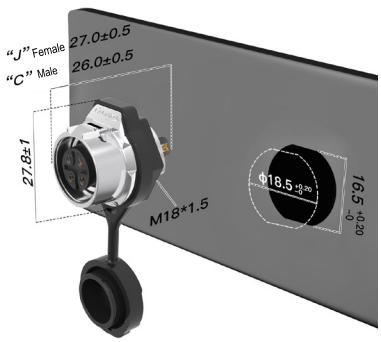


▲ Four-hole flange receptacle

(unit: mm)



▲ Floating connector



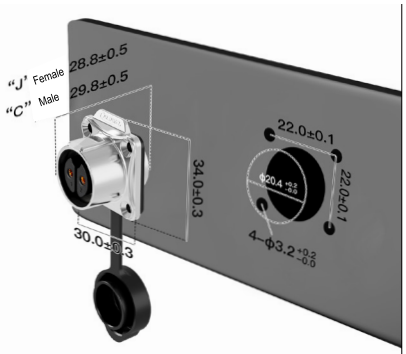
▲ Single-hole straight receptacle

Item no.: 3758560 3758561 3758562

(unit: mm)



★ Plug

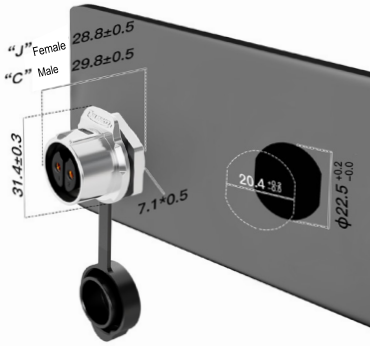


▲ Four-hole flange receptacle

(unit: mm)



▲ Floating connector



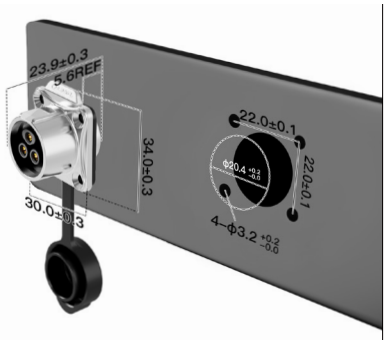
▲ Single-hole straight receptacle

Item no.: 3758563 3758564 3758565

(unit: mm)



★ Cable Connector

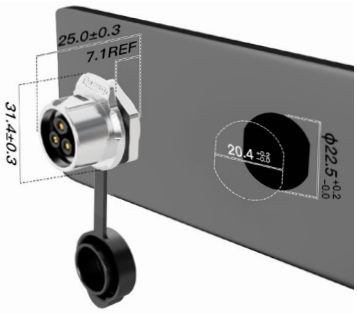


▲ Flange Mounting

(unit: mm)



▲ In-line Cable Connector



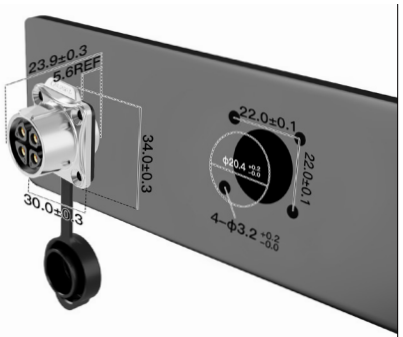
▲ Panel Mounting Rear Locking

Item no.: 3758566 3758567 3758568

(unit: mm)



★ Cable Connector

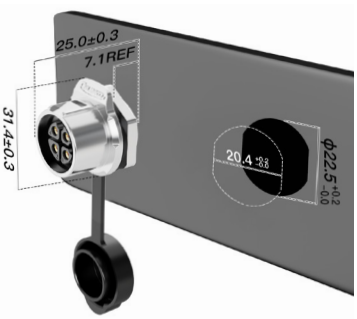


▲ Flange Mounting

(unit: mm)



▲ In-line Cable Connector



▲ Panel Mounting Rear Locking

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