



SP21 Connector Female Socket and Male Plug



Basic Information

Connection Type	Docking Type
Contacts	12 Pin, 14 Pin, 2 Pin, 3 Pin, 4 Pin, 5 B, 5 C, 5 Pin, 7 Pin, 9 Pin
Coupling	Threaded Coupling
Orientation	Straight
Termination	Crimp, Screw, Solder

Material Specification

Contact Material	Brass with Gold Plating
Insert Material	PPS
Shell Material	PA66

Electrical Specification

Contact Resistance	1 MΩ for 2/3/4/5 Pin, 1 MΩ/5 MΩ for 5B, 2.5 MΩ for 5C/7 Pin, 5 MΩ for 9/12 Pin
Rated Current	15A for 5C/7 Pin, 30A for 2/3/4/5 Pin, 30A/5A for 5B, 5A for 9/12 Pin
Rated Voltage	400V for 12 Pin, 500V for 2/3/4/5/5B/5C/7/9 Pin
Test Voltage	1200V(1min) for 12 Pin, 1500V(1min) for 2/3/4/5/5B/5C/7/9 Pin

Environmental Specification

Ingress Protection	IP68
Operating Temperature	-40°C ~ + 85°C

Mechanical Specification

Mechanical Operation	500 Mating Cycles
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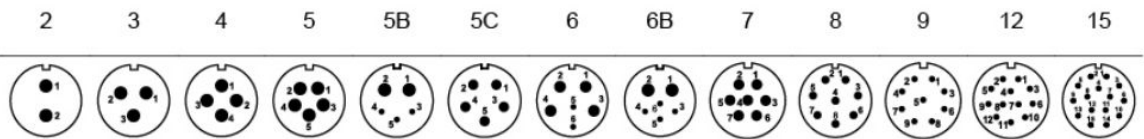
Contact Layout

芯数

Number of contact

公端绝缘体正面图

Male contact face view



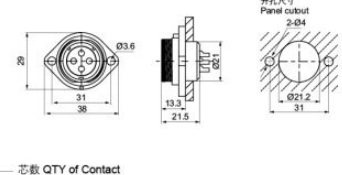
Size



2 孔法兰插座 SP2113 系列
2-hole flange SP2113 Series



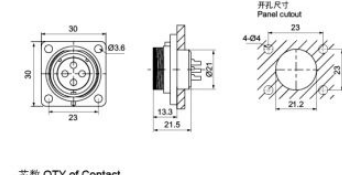
配套连接 SP2110, SP2116
Mate with



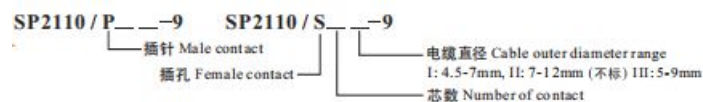
4 孔方形插座 SP2114 系列
4-hole Square SP2114 Series



配套连接 SP2110, SP2116
Mate with



How to Order



Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.