



SP17 Connector Male Socket and Female Plug
One Pair



Basic Information

Connection Type	Docking Type
Contacts	2 Pin, 3 Pin, 4 Pin, 5 Pin, 7 Pin, 9 Pin
Coupling	Threaded Coupling
Orientation	Straight
Termination	Solder

Material Specification

Contact Material	Brass with Gold Plating
Insert Material	PPS
Shell Material	PA66
Wire Gauge	$\cong 0.785/18(\text{mm}^2/\text{AWG})$ for 4/5/7/9 Pin, $\cong 2/14(\text{mm}^2/\text{AWG})$ for 2/3 Pin

Electrical Specification

Contact Resistance	2.5 MΩ for 2/3 Pin, 5 MΩ for 4/5/7/9 Pin
Rated Current	10A for 2/3 Pin, 5A for 4/5/7/9 Pin
Rated Voltage	400V for 7/9 Pin, 500V for 2/3/4/5 Pin
Test Voltage	1200V(1min) for 7/9 Pin, 1500V(1min) for 2/3/4/5 Pin

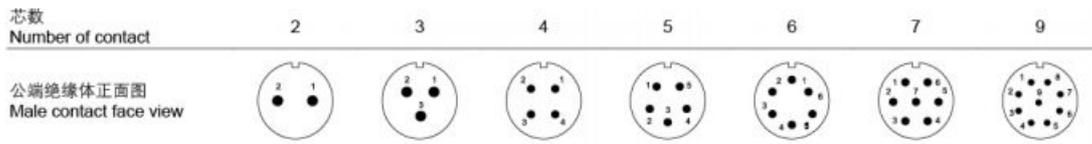
Environmental Specification

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

Mechanical Specification

Mechanical Operation	500 Mating Cycles
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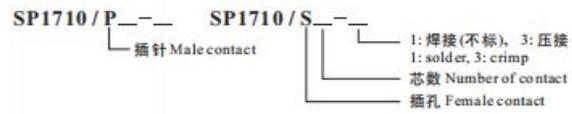
Contact Layout



Size



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.