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RENHOTEC



SP13 Connector Male Plug and Female Socket
One Pair

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Basic Information

Connection Type	Docking Type
Contacts	2 Pin, 3 Pin, 4 Pin, 5 Pin, 6 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 4/5/6/7/9 Pin, $\cong 2/14(\text{mm}^2/\text{AWG})$ for 2/3 Pin

Electrical Specification

Contact Resistance	10 MΩ for 9 Pin, 2 MΩ for 2/3 Pin, 5 MΩ for 4/5/6/7 Pin
Rated Current	13A for 2/3 Pin, 3A for 9 Pin, 5A for 4/5/6/7 Pin
Rated Voltage	125V for 6/7/9 Pin, 180V for 5 Pin, 200V for 4 Pin, 250V for 2/3 Pin
Test Voltage	1000V(1min) for 5/6/7/9 Pin, 1500V(1min) for 2/3/4 Pin

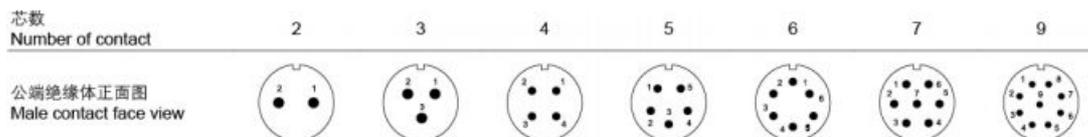
Environmental Specification

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

Mechanical Specification

Mechanical Operation	500 Mating Cycles
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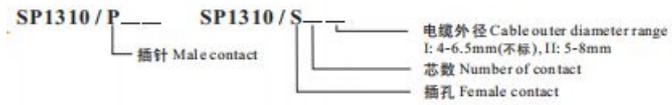
Contact Layout



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.