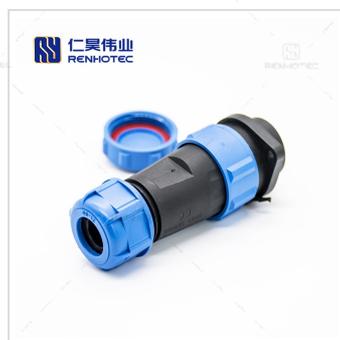




## SP21 Connector Female 2 Hole Flange Socket and Male Plug



### 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                  |

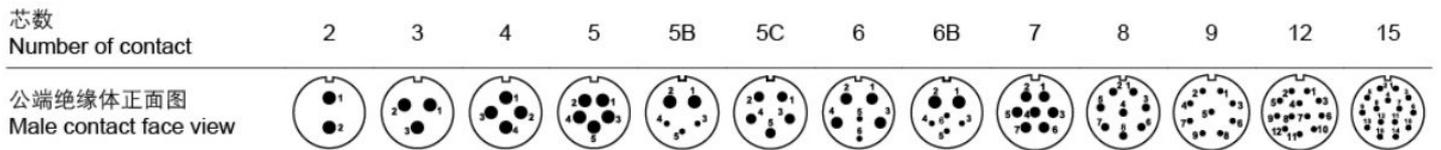
### Environmental Specification

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

### Mechanical Specification

|                      |                   |
|----------------------|-------------------|
| Mechanical Operation | 500 Mating Cycles |
|----------------------|-------------------|

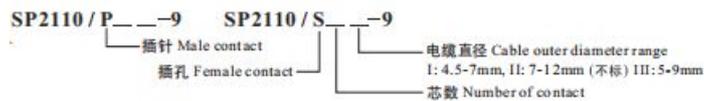
### Contact Layout



### Size



### How to Order



**Disclaimer**

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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.