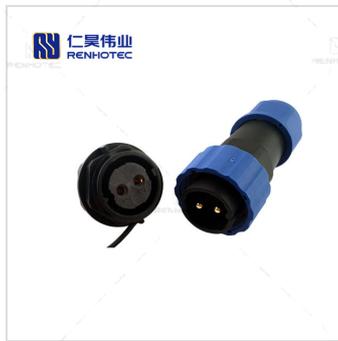




SP29 Connector Female Rear Nut Socket and Male Plug



Basic Information

| | |
|-----------------|---------------------------------------------------------------------------------------------------------------|
| Connection Type | Docking Type |
| Contacts | 10 B, 10 Pin, 12 Pin, 16 Pin, 17 Pin, 2 Pin, 20 Pin, 24 Pin, 26 Pin, 3 Pin, 4 Pin, 5 Pin, 7 Pin, 8 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 | 0.5 MΩ for 2/3 Pin, 1 MΩ for 4/7/8/10 Pin, 1/5 MΩ for 9 Pin, 2.5 MΩ for 10B/12/16/17 Pin, 5 MΩ for 20/24/26 Pin |
| Rated Current | 10A for 10B/12/16/17 Pin, 25A for 4/7/8/10 Pin, 5/25A for 9 Pin, 50A for 2/3 Pin, 5A for 20/24/26 Pin |
| Rated Voltage | 400V for 20/24/26 Pin, 500V for 2/3/4/5/7/8/9/10/10B/12/16/17 Pin |
| Test Voltage | 1200V for 20/24/26 Pin, 1500V for 2/3/4/5/7/8/9/10/10B/12/16/17 Pin |

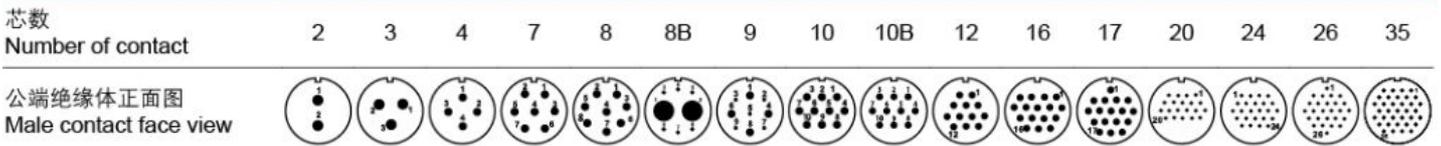
Environmental Specification

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

Mechanical Specification

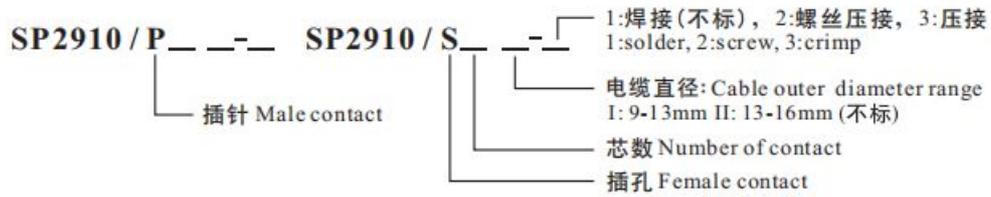
| | |
|----------------------|-------------------|
| Mechanical Operation | 500 Mating Cycles |
|----------------------|-------------------|

Contact Layout



Size



How to Order

Disclaimer

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.