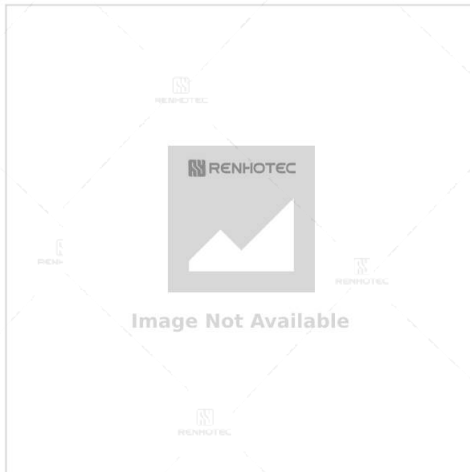




## SP29 Connector Female Rear Nut Socket and Male Plug - 20 Pin

Part Number:

**SP2912-S20+SP2910-P20**

### Basic Information

|                 |                      |
|-----------------|----------------------|
| Connection Type | Docking Type         |
| Contacts        | 20 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 | 5 MΩ        |
| Rated Current      | 5A          |
| Rated Voltage      | 250V        |
| Test Voltage       | 1500V(1min) |

### Environmental Specification

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

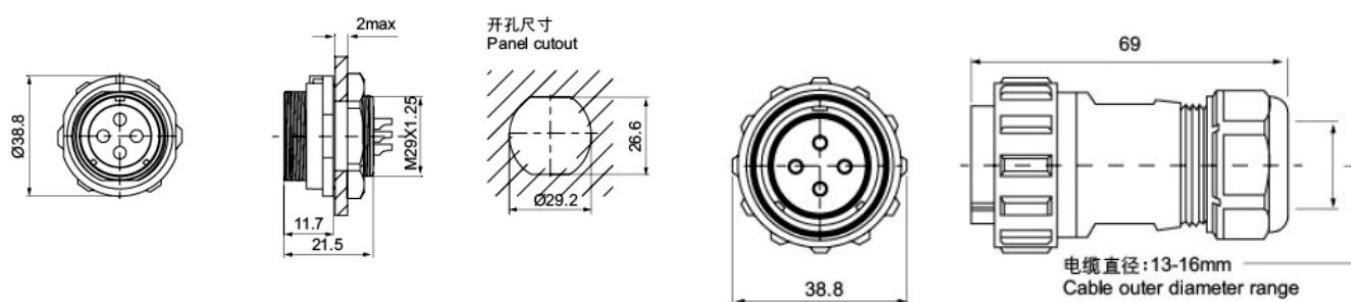
### Mechanical Specification

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

## Contact Layout

| 芯数<br>Number of contact            | 2                                                                                 | 3                                                                                 | 4                                                                                 | 7                                                                                 | 8                                                                                 | 8B                                                                                | 9                                                                                 | 10                                                                                | 10B                                                                               | 12                                                                                  | 16                                                                                  | 17                                                                                  | 20                                                                                  | 24                                                                                  | 26                                                                                  | 35                                                                                  |
|------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 公端绝缘体正面图<br>Male contact face view |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## Size



## How to Order

**SP2910 / P** — — **SP2910 / S** — —  
 插针 Male contact  
 1:焊接(不标), 2:螺丝压接, 3:压接  
 1:solder, 2:screw, 3:crimp  
 电缆直径: Cable outer diameter range  
 I: 9-13mm II: 13-16mm (不标)  
 芯数 Number of contact  
 插孔 Female contact

## 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.