



SP17 Connector Male Rear Nut Socket and Female Plug One Pair - 4 Pin

Part Number:

**SP1712-P4+SP1710-S4**

### Basic Information

|                 |                   |
|-----------------|-------------------|
| Connection Type | Docking Type      |
| Contacts        | 4 Pin             |
| Coupling        | Threaded Coupling |
| Orientation     | Straight          |
| Termination     | Solder            |

### Material Specification

|                  |                                         |
|------------------|-----------------------------------------|
| Contact Material | Brass with Gold Plating                 |
| Insert Material  | PPS                                     |
| Shell Material   | PA66                                    |
| Wire Gauge       | $\leq 0.785/18(\text{mm}^2/\text{AWG})$ |

### Electrical Specification

|                    |              |
|--------------------|--------------|
| Contact Resistance | 5 M $\Omega$ |
| Rated Current      | 5A           |
| Rated Voltage      | 250V         |
| Test Voltage       | 1500V(1min)  |

### Environmental Specification

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

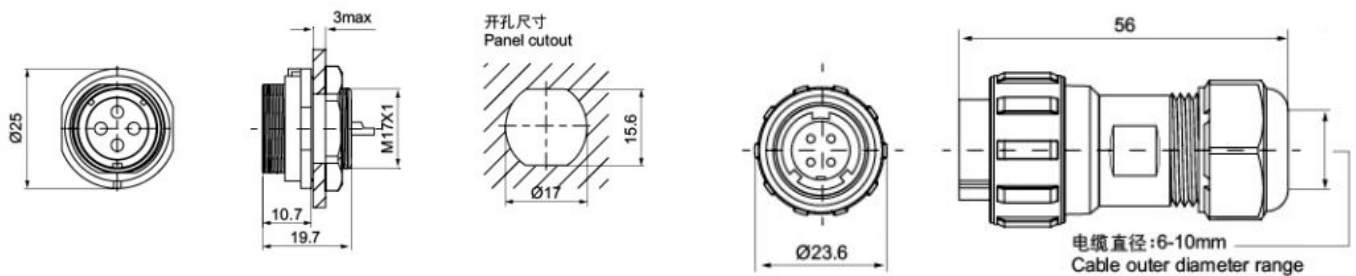
### Mechanical Specification

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

## Contact Layout

| 芯数<br>Number of contact            | 2 | 3 | 4 | 2B | 3B | 4B | 5 | 7 | 9 | 10 |
|------------------------------------|---|---|---|----|----|----|---|---|---|----|
| 公端绝缘体正面图<br>Male contact face view |   |   |   |    |    |    |   |   |   |    |

## Size



## How to Order

SP1710/P — — SP1710/S — —

插针 Male contact

1: 焊接 (不标), 3: 压接  
1: solder, 3: crimp

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.