



## FQ18 Series 3-Pin Square Flange Male Socket

Part Number:

FQ18-3ZJ

**Basic Information**

|                     |                               |
|---------------------|-------------------------------|
| Connector Type      | Socket                        |
| Gender              | Male                          |
| Number of Positions | 3 Pin                         |
| Contact Termination | Solder                        |
| Fastening Type      | Bayonet Connection            |
| Contact Size        | 3*1.5mm                       |
| Series              | FQ Series Circular Connectors |
| Shell Size          | 18                            |

**Mechanical Specification**

|                             |            |
|-----------------------------|------------|
| Mechanical and Working Life | 500 Cycles |
|-----------------------------|------------|

**Material Specification**

|                     |                           |
|---------------------|---------------------------|
| Contact Material    | Copper Alloy(Gold Plated) |
| Insulation Material | PBT                       |

**Electrical Specification**

|                    |                          |
|--------------------|--------------------------|
| Rated Current      | 10A                      |
| Rated Voltage      | 400V                     |
| Contact Resistance | $\leq 2.5\text{m}\Omega$ |

**Environmental Specification**

|                       |                   |
|-----------------------|-------------------|
| Operating Temperature | -55°C~+100°C      |
| Relative Humidity     | 40°C-65°C 95%-98% |
| IP Rating             | IP67              |

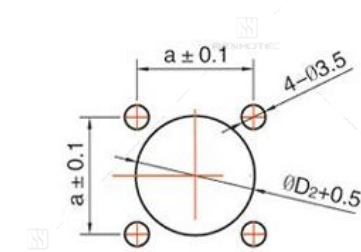
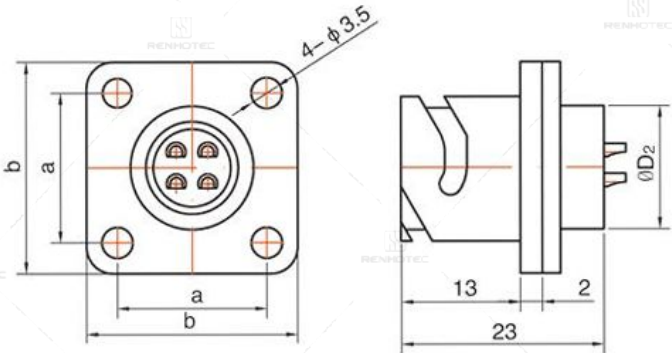
Contact Layout



Size

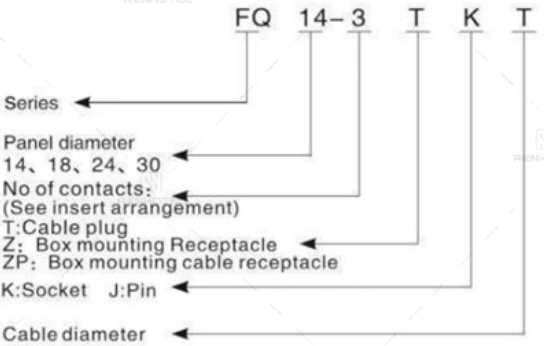
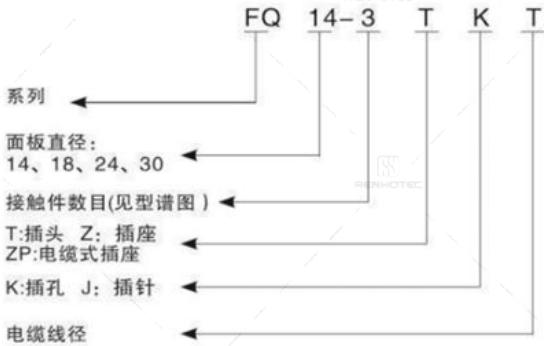
方盘插座：Square Flange Receptacle

安装开口尺寸：Mounting Dimensions



| 类型   | a  | b  | ØD <sub>2</sub> |
|------|----|----|-----------------|
| FQ14 | 17 | 24 | Ø14             |
| FQ18 | 20 | 27 | Ø18             |
| FQ24 | 26 | 33 | Ø24             |
| FQ30 | 31 | 38 | Ø30             |

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.