

# Connector Selection Guide



---

Our products are used widely in the application of military communication, medical electronics, audio-video, testing and measurement instrumentations, etc. We also design and manufacture special Fiber Optic Connectors and custom cable assembly for harsh environments.

Product standards meet the requirement of MIL, UL and IEC, Chinese military GJB accordingly. OSM can design connectors according to customer specifications. In any case, high quality and reliability connection is the primary target for the company to achieve.

Relying on the experienced professional team, we will provide partners with more than expected connectivity solutions.

**VISION:** To be a shining star in connector industry!

**MISSION:** Relying on the experienced professional team, to provide partners with more than expected connectivity solutions.

# Push-Pull Self-Latching Connectors

Push pull self-latching system is renowned worldwide for its easy and quick mating and unmating features. It provides absolute security against vibration, shock or pull on the cable, and facilitates operation in a very limited space.

OSM has a large range of push pull connectors product that can be totally compatible with LEMO\ODU and FISCHER's push-pull connectors. We have a very strong engineering department, and is readily available to design new product that meet your special needs.

## F Series

- ◆ Compatible with ODU and FSICHER
- ◆ IP68,design for outdoor applications
- ◆ Wide range of body styles and sizes
- ◆ Unsealed, sealed or hermetic
- ◆ Signal or power
- ◆ Multipole
- ◆ Standard or inverted polarity
- ◆ Solder or PCB contacts
- ◆ Hybrid or custom connectors are available



## P Series

- ◆ Lightweight: IP50 or IP67
- ◆ Plastic shell made of PSU or PEI
- ◆ Wide choice of colours of the shell
- ◆ Disposable models
- ◆ Applications for Medical\Industrial and Test and measurement



## B \ K \ S \ E \ 00 Series

- ◆ Compatible with LEMO's Connectors
- ◆ Multiple key options
- ◆ Wide range of body styles and sizes
- ◆ Multiple types contacts
- ◆ Design for outdoor applications,IP50 or IP68
- ◆ Hybrid or custom connectors are available



## Military Standard Connectors

We can provide most of the GJB AND MIL Standard connectors.

### YW Series

Integrate the RJ45\USB\RJ11 or 1394 connector into the circular connector outshell that the connection system meet the MIL-C-26482 standard



### MIL-DTL-38999 I II III Series

MIL-DTL-38999 connectors are designed to meet the most stringent requirements of the Military and Aerospace industry. OSEMOS manufactures these three different series of connectors fully compliant with the MIL-DTL-38999 standard and many other tailored and derivative products.



### MIL-C-26482 I II Series

OSM offers the product line of MIL-DTL-26482, I II Series Connectors. These series provide a bayonet coupling connector with crimp rear insertable, rear releasable contacts.



### MIL-DTL-83513 Connectors

J30J connectors are fully compliant with MIL-DTL-83513 standard. And compatible with American MDM series. Used in applications requiring highly reliable, extremely small, light-weight connectors with higher density contact configurations. They are available in 8 shell sizes accommodating from 9 to 100 contacts



## Custom Cable Assembly

OSM helps to define the connectivity solutions that best fits the specific application and will guide the customer through the design process of choosing the appropriate materials and functionality required for signal choices.

