J30J Metal Shell 31pin Pre-Wired Micro-D MIL-Spec male connector with Cable，L=20cm J30J-31-TJL-20 19g

Part Number:

## J30J-31TJL-20



## Basic Information

| | |
|---|---|
| Connector Type | Plug |
| Orientation | Straight |
| Contact Type | Male |
| Number of Cores | 31 |
| Number of Interface Rows | 2 |
| Contact Spacing | 1.27mm |
| Mounting Type | Cable Mount |
| Contact Termination | Crimp |
| Wire Length | 20cm |
| Wire Gauge | $0.1mm^2$～$0.15mm^2$ |
| Color | Primary Color |

## Material Specification

| | |
|---|---|
| Housing Material | Aluminum Alloy |
| Housing Plating | Nickel-plated |
| Contacts Plating | Gold-plated |

## Electrical Specification

| | |
|---|---|
| Rated Current | 3A |
| Withstand Dielectric Voltage | 800V |
| Contact Resistance | ≤ 10mΩ |
| Insulation Resistance | ≥ 5000MΩ |

## Environmental Specification

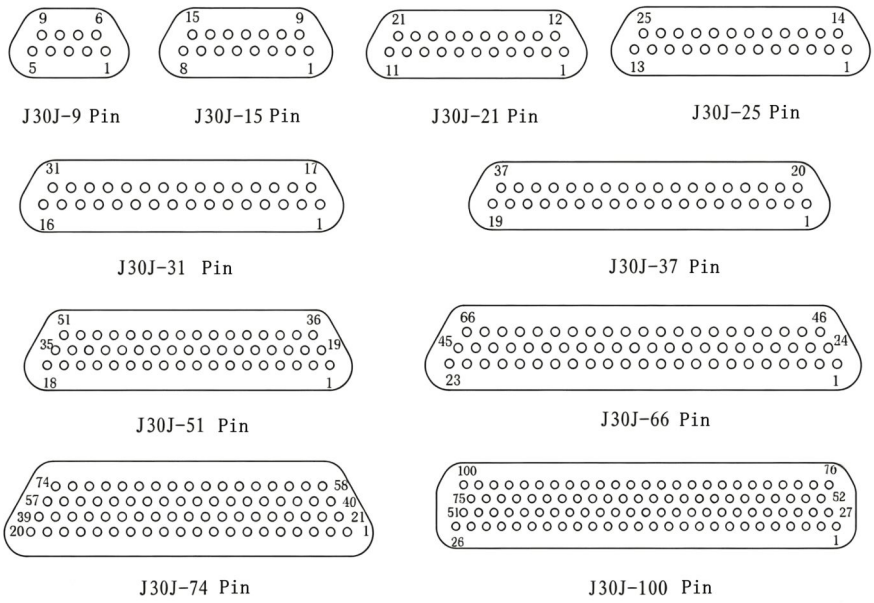
| | |
|---|---|
| Operating Temperature | -55℃～+125℃ |

## How to Order

J30 — J — X- — X — TJ / ZK — X — X- — X

| Code | Description | Options | |
|---|---|---|---|
| **J30** | Series / Basic Type | Micro-D Rectangular Connector (MIL-DTL-83513 Equivalent) | |
| **J** | Shell Material | **J** — Metal Shell | |
| **X-** | Series Modification | **Blank** — Basic Type<br>**D** — M2-6H Mounting Holes<br>**M1** — Glass Sintered Hermetic | **A** — Quick-lock<br>**M** — Rubber Seal<br>**S** — Stainless Steel Shell |
| **X** | Number of Contacts | 9, 15, 21, 25, 31, 37, 51, 66, 69, 74, 100 pins | |
| **TJ / ZK** | Connector and Contact Type | **TJ** — Plug with Male Pins<br>**ZK** — Receptacle with Female Sockets | |
| **X** | Termination Style | **Blank** — Crimp<br>**N** — Straight PCB (Through-hole) | **S** — Solder Cup<br>**W** — Right Angle PCB |
| **X-** | Locking Hardware Type | **K, L** — Free-end Locking Assembly<br>**P, V** — Fixed-end Locking Assembly | |
| **X** | Modification Code | **A** — Shielding Sleeve (Crimp only)<br>**D** — Anti-rotation Structure (Fixed-end only)<br>**J** — 1.27mm × 2.54mm PCB Grid Spacing | **C** — Vertical Wire Exit (Crimp only)<br>**AD** — Combination of A and D<br>**Q, Q8** — Widened Flange |

## Contact Layout




### 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.