



## J36A Metal Shell 62pin Micro-D MIL-Spec Female Socket J36A-62ZJL

Part Number:

**J36A-62ZJL**

### Basic Information

|                |               |
|----------------|---------------|
| Color          | Primary Color |
| Connector Type | Socket        |
| Contact Type   | Female        |

### Mechanical Specification

|                          |                  |
|--------------------------|------------------|
| Acceleration             | 100G             |
| Contact Termination      | Soldering        |
| Mating Cycles            | ≥500             |
| Mounting Type            | Free Hanging     |
| Number of Cores          | 62               |
| Number of Interface Rows | 5                |
| Orientation              | Straight         |
| Shock                    | 100G             |
| Vibration                | 10Hz~2000Hz\,25G |

### Environmental Specification

|                       |                   |
|-----------------------|-------------------|
| Atmospheric Pressure  | 101.3kPa~1.33Pa   |
| Operating Temperature | -55°C to +125°C   |
| Relative Humidity     | 40°C±2°C, 90%~95% |

### Material Specification

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

## Electrical Specification

|                              |                           |
|------------------------------|---------------------------|
| Contact Resistance           | $\leq 10\text{M}\Omega$   |
| Insulation Resistance        | $\geq 2000\text{M}\Omega$ |
| Rated Current                | 5A                        |
| Withstand Dielectric Voltage | 1000V                     |

## Contact Layout



## How to Order

J — 36 — A — 9 — Z — J — B

| Code | Description                                 | Options                                                                   |
|------|---------------------------------------------|---------------------------------------------------------------------------|
| J    | Rectangular Connector Designation           | J — Rectangular Electrical Connector                                      |
| 36   | Design Series                               | Design series number                                                      |
| A    | Modification Code                           | Modification series code                                                  |
| 9    | Number of Contacts                          | Total number of contact pairs                                             |
| Z    | Shell Type                                  | Z — Receptacle      T — Plug      T2 — Anti-condensation plug             |
| J    | Contact Type                                | K — Female Socket      K2 — Straight plug-in PCB socket      J — Male Pin |
| B    | Mounting style (applicable to sockets only) | B — Panel mount      L — Cable mount                                      |

## 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.