38999-Style Series III Connector

With a proven history of engineering and manufacturing excellence, ITT Cannon has delivered a broad range of innovative product solutions that continue to help our customers to meet their most demanding design requirements. ITT Cannon’s design centers provide proven high quality products and exceptional service to customers through a global network of field application engineers, sales force and manufacturing facilities. The D38999-Style Series III is designed to be comparable to MIL-DTL-38999 and is ideally suited harsh environment military and aerospace applications.

Innovative Interconnect Benefits

- High contact density
- Wire sealing grommets
- Meets all stringent DLA qualifications requirements
- Available Class F (Nickel), Class G and Class W (DD CAD/Nickel) which accommodates up to 500h salt spray resistance.

Product Features

- Superior EMI shielding provides protection up to 65dB at 10 GHZ 100% scoop proof
- Rear release crimp snap-in contacts
- Interfacial seal inhibits electrolytic erosion of contacts.

Applications

- Military Vehicles
- Defense Electronics
- Commercial & Military Aircraft
- Tactical Communications
- Avionics
## KJA/KJB 38999-Style Series III

<table>
<thead>
<tr>
<th>Max. Voltage</th>
<th>Max. Current</th>
<th>Operating Temp</th>
<th>Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 - 2300 VAC</td>
<td>1.5 - 23.0 Amps</td>
<td>-65° C to + 200° C</td>
<td>500 Mating Cycles</td>
</tr>
</tbody>
</table>

### Connector Type
- **D38999-Style Series III**

### Shell Style
- D38999/20-Style - Wall mount receptacle
- D38999/24-Style - Jam nut receptacle
- D38999/26-Style - Straight plug, grounded

### Service Class
- **F** - Electroless nickel (-85°F to +392°F (-65°C to +200°C)), Aluminum
- **G** - Electroless nickel plated. Space Grade, Aluminum
- **W** - Olive drab cadmium over electroless nickel plate (-85°F to +347°F (-65°C to +175°C)), Aluminum

### Shell Size
- A, B, C, D, E, F, G, H, J

### Contact Arrangements

### Contact Style
- **P** - Pin contact
- **S** - Socket contact
- **A** - Less Pin contacts*
- **B** - Less Socket contacts*

### Polarizing Position
- N (Normal), A, B, C, D, E

*Used only when other than power contacts are to be installed (i.e. shielded thermocouple, etc.)*

**Note:** To order MS connectors less standard power contacts, purchase order must state “Less Contacts”

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**DISCLAIMER:** Our facility is not currently certified by the DLA and this product is not covered by the QPL/QML. Mil-Spec part numbers are only for cross-reference to the Commercial Equivalent.