DEUTSCH DJT SERIES CONNECTORS FOR MIL-DTL-38999 SERIES I
RUGGED, HARSH ENVIRONMENT SUBMINIATURE CONNECTORS

QUICK REFERENCE GUIDE

Wide Range
- Mil spec and commercial
- Range of finishes

High Performance
- Environmentally sealed
### MIL-DTL-38999 Series I Connectors

<table>
<thead>
<tr>
<th>Coupling Mechanism</th>
<th>Bayonet, 1/3 Turn</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shell Materials</td>
<td>Aluminum</td>
</tr>
<tr>
<td>Features</td>
<td>Scoop proof</td>
</tr>
<tr>
<td></td>
<td>Environmentally sealed</td>
</tr>
<tr>
<td></td>
<td>Hermetic versions</td>
</tr>
<tr>
<td></td>
<td>Filter versions</td>
</tr>
<tr>
<td></td>
<td>Plugs with spring fingers for EMI control</td>
</tr>
<tr>
<td>Shell Platings</td>
<td>Olive drab cadmium</td>
</tr>
<tr>
<td></td>
<td>Electroless nickel</td>
</tr>
<tr>
<td></td>
<td>Carbon steel, electrodeposited tin plating</td>
</tr>
<tr>
<td></td>
<td>Stainless steel, passivated</td>
</tr>
<tr>
<td>Contact Sizes</td>
<td>22, 20, 16, 12, 10, 8</td>
</tr>
<tr>
<td>Shell Sizes</td>
<td>9, 11, 13, 15, 17, 19, 21, 23, 25</td>
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<tr>
<td>No. of Signal Contacts, Max.</td>
<td>128</td>
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<tr>
<td>Contact Type</td>
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<tr>
<td>Contact Styles</td>
<td>Crimp</td>
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<tr>
<td></td>
<td>Solder cup or eyelet</td>
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<tr>
<td></td>
<td>PCB tail</td>
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<tr>
<td>Operating Temperatures</td>
<td>-65°C to +150°C - Electrodeposited tin-plated carbon steel (Class D)</td>
</tr>
<tr>
<td></td>
<td>-65°C to +175°C - Cadmium finish (Class B)</td>
</tr>
<tr>
<td></td>
<td>-65°C to +200°C - Nickel finish (Class F) and stainless steel (Class E)</td>
</tr>
<tr>
<td>Durability (Mating Cycles)</td>
<td>500</td>
</tr>
<tr>
<td>Standard Configurations</td>
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<tr>
<td>Plugs</td>
<td>Straight, with EMI spring fingers (M27467)</td>
</tr>
<tr>
<td>Receptacles</td>
<td>Front, wall mount (M27466)</td>
</tr>
<tr>
<td></td>
<td>Jam nut (M27468)</td>
</tr>
<tr>
<td></td>
<td>Front, box mount (M27496)</td>
</tr>
<tr>
<td></td>
<td>Rear, box mount (M27505)</td>
</tr>
<tr>
<td></td>
<td>Rear, wall mount (M27656)</td>
</tr>
<tr>
<td></td>
<td>Jam nut hermetic receptacle (MS27470)</td>
</tr>
<tr>
<td></td>
<td>Solder mount hermetic receptacle (MS27471)</td>
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</tbody>
</table>

TE Components . . . TE Technology . . . TE Know-how . . .

AMP | Agastat | CII | Hartman | Kilovac | Microdot | Nanonics | Polanco | Raychem | Rochester | DEUTSCH
SEACON Phoenix | L.L. Rowe | Phoenix Optix | AFP | SEACON

Get your product to market faster with a smarter, better solution.
# DEUTSCH 38999 Series I Connectors

<table>
<thead>
<tr>
<th>MIL SPEC NUMBER/SHELL STYLE</th>
<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>MS27466 T 25 F 35 S D xxxx</td>
<td>Front, Wall Mount Receptacle (DJT10)</td>
</tr>
<tr>
<td>MS27467 T 25 F 35 S D xxxx</td>
<td>Straight Plug with EMI Fingers (DJT16)</td>
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<td>MS27468 T 25 F 35 S D xxxx</td>
<td>Jam Nut Receptacle (DJT14)</td>
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<td>MS27470 T 25 F 35 S D xxxx</td>
<td>Solder Mount Hermetic Receptacle (DJT11)</td>
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<td>MS27471 T 25 F 35 S D xxxx</td>
<td>Front, Box Mount Receptacle (DJT13)</td>
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<tr>
<td>MS27505 T 25 F 35 S D xxxx</td>
<td>Rear, Box Mount Receptacle (DJT12)</td>
</tr>
<tr>
<td>MS27656 T 25 F 35 S D xxxx</td>
<td>Rear, Wall Mount Receptacle (DJT19)</td>
</tr>
</tbody>
</table>

**CLASS**
- T: With Accessory Thread (MS27466, MS27467, M27468, MS27656)
- E: Same As T, But Not Approved For New Designs (E-Nut Not Included)
- 0: No Accessory Thread, Box Mount (M27496, M27505)
- G: Space-Grade Environment Resisting Y: Hermetically Sealed

**SHELL SIZE**
- 9, 11, 13, 15, 17, 19, 21, 23, 25
## Insert Arrangements

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Blue shaded entries are not Mil Spec.
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<thead>
<tr>
<th>Region</th>
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<td>North America</td>
<td>+1 800 522 6752</td>
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<tr>
<td>North America (Toll)</td>
<td>+1 717 986 7777</td>
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<tr>
<td>EMEA/South Africa</td>
<td>+800 0440 5100</td>
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<tr>
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