**APPLICATION NOTES**

1. Assembly identified with manufacturer’s name and part number, space permitting.
2. For complete dimensions, see the applicable Military Specification.
3. Metric dimensions (mm) are in parentheses.

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**MATING CONNECTOR**

MIL-DTL-38999, Series III Threaded

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**D38999/32 and D38999/33**

Composite or Metal Protective Covers

Plug and Receptacle • MIL-DTL-38999 Series III Threaded

---

**Basic Part Number**

<table>
<thead>
<tr>
<th>Shell Size</th>
<th>Designator</th>
<th>Attachment Style</th>
</tr>
</thead>
<tbody>
<tr>
<td>D38999/32</td>
<td>W 15 N</td>
<td>R or N</td>
</tr>
</tbody>
</table>

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**Material and Finish**

- **C** = Aluminum Anodize
- **F** = Aluminum, Electroless Nickel
- **H** = Stainless Steel, Passivated (Space Grade)
- **J** = Composite, Cadmium Plated, Olive Drab
- **K** = Corrosion-Resistant Steel Passivate
- **M** = Composite, Electroless Nickel Plated
- **W** = Aluminum, 500 Hour Cadmium Olive Drab

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**D38999/32**

**PLUG COVER**

- **F** Diameter: .167 (4.2)
- **E Thread** Diameter: .906 (23.0) Max

**D38999/33**

**RECEPTACLE COVER**

- **G** Diameter: .167 (4.2)
- **E Thread** Diameter: .906 (23.0) Max

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**TABLE I: Shell Size, Thread and Dimensions**

<table>
<thead>
<tr>
<th>Shell Size</th>
<th>E Thread</th>
<th>F Max</th>
<th>G Max</th>
<th>H Min</th>
<th>J Min</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>.6250-0.1P-0.3L-TS</td>
<td>.906 (23.0)</td>
<td>.906 (23.0)</td>
<td>.694 (17.6)</td>
<td>.512 (13.0)</td>
</tr>
<tr>
<td>11</td>
<td>.7500-0.1P-0.3L-TS</td>
<td>1.024 (26.0)</td>
<td>1.102 (28.0)</td>
<td>.865 (22.0)</td>
<td>.709 (18.0)</td>
</tr>
<tr>
<td>13</td>
<td>.8750-0.1P-0.3L-TS</td>
<td>1.220 (31.0)</td>
<td>1.220 (31.0)</td>
<td>.989 (25.1)</td>
<td>.787 (20.0)</td>
</tr>
<tr>
<td>15</td>
<td>1.0000-0.1P-0.3L-TS</td>
<td>1.300 (33.0)</td>
<td>1.260 (32.0)</td>
<td>1.178 (29.9)</td>
<td>.906 (23.0)</td>
</tr>
<tr>
<td>17</td>
<td>1.1875-0.1P-0.3L-TS</td>
<td>1.457 (37.0)</td>
<td>1.457 (37.0)</td>
<td>1.260 (32.0)</td>
<td>1.024 (26.0)</td>
</tr>
<tr>
<td>19</td>
<td>1.2500-0.1P-0.3L-TS</td>
<td>1.575 (40.0)</td>
<td>1.535 (39.0)</td>
<td>1.428 (36.3)</td>
<td>1.142 (29.0)</td>
</tr>
<tr>
<td>21</td>
<td>1.3750-0.1P-0.3L-TS</td>
<td>1.732 (44.0)</td>
<td>1.654 (42.0)</td>
<td>1.506 (38.3)</td>
<td>1.260 (32.0)</td>
</tr>
<tr>
<td>23</td>
<td>1.5000-0.1P-0.3L-TS</td>
<td>1.811 (46.0)</td>
<td>1.772 (45.0)</td>
<td>1.678 (42.6)</td>
<td>1.339 (34.0)</td>
</tr>
<tr>
<td>25</td>
<td>1.6250-0.1P-0.3L-TS</td>
<td>1.969 (50.0)</td>
<td>1.929 (49.0)</td>
<td>1.750 (44.5)</td>
<td>1.535 (39.0)</td>
</tr>
</tbody>
</table>

Dimensions in inches (millimeters) and are subject to change without notice.