This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-DTL-38999.

<table>
<thead>
<tr>
<th>Shell size code</th>
<th>A dia</th>
<th>B flat</th>
<th>F dia</th>
<th>G thread plated</th>
<th>J dia</th>
<th>K dia</th>
<th>S</th>
<th>V</th>
<th>W</th>
<th>Z max (see note 2)</th>
<th>Z max (see note 3)</th>
<th>Recommended packing (O-ring)</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 B</td>
<td>38.6 (1.520)</td>
<td>23.93 (1.096)</td>
<td>27.84 (1.085)</td>
<td>20.42 (1.000)</td>
<td>25.40 (1.394)</td>
<td>35.4 (1.534)</td>
<td>AS3582-024</td>
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<tr>
<td>13 C</td>
<td>41.7 (1.642)</td>
<td>27.08 (1.066)</td>
<td>31.02 (1.221)</td>
<td>23.57 (1.125)</td>
<td>28.58 (1.520)</td>
<td>38.6 (1.520)</td>
<td>AS3582-026</td>
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<tr>
<td>15 D</td>
<td>44.9 (1.768)</td>
<td>30.26 (1.191)</td>
<td>34.19 (1.346)</td>
<td>26.56 (1.046)</td>
<td>31.75 (1.250)</td>
<td>41.7 (1.642)</td>
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<td>17 E</td>
<td>49.7 (1.957)</td>
<td>33.56 (1.321)</td>
<td>37.67 (1.483)</td>
<td>30.02 (1.182)</td>
<td>34.92 (1.375)</td>
<td>45.7 (1.799)</td>
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<td>19 F</td>
<td>51.7 (2.035)</td>
<td>36.61 (1.441)</td>
<td>40.85 (1.608)</td>
<td>32.91 (1.296)</td>
<td>38.10 (1.500)</td>
<td>48.5 (1.909)</td>
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<tr>
<td>21 G</td>
<td>54.8 (2.157)</td>
<td>39.78 (1.566)</td>
<td>44.02 (1.733)</td>
<td>36.11 (1.422)</td>
<td>41.28 (1.625)</td>
<td>51.7 (2.035)</td>
<td>AS3582-031</td>
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<tr>
<td>23 H</td>
<td>58.0 (2.283)</td>
<td>42.96 (1.691)</td>
<td>47.20 (1.858)</td>
<td>39.26 (1.546)</td>
<td>44.45 (1.750)</td>
<td>54.8 (2.157)</td>
<td>AS3582-032</td>
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<tr>
<td>25 J</td>
<td>61.2 (2.409)</td>
<td>46.13 (1.816)</td>
<td>50.37 (1.983)</td>
<td>42.46 (1.672)</td>
<td>47.63 (1.875)</td>
<td>58.0 (2.283)</td>
<td>AS3582-033</td>
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</tr>
</tbody>
</table>

NOTES:
1. Dimensions are in millimeters.
3. Classes K, S and R.
4. Insert can be recessed a max of 6.00 mm back of teeth.
5. Inch-pound conversions are given for information only.
6. For details of connector front and rear end configuration, see procurement specification.

REQUIREMENTS:

Dimensions and configurations:  See figure 1.

Interface dimensions shall conform to MIL-DTL-38999.

This connector mates with the following:

Classes K, S and R mate with MIL-DTL-38999/46.

Main key color:  Blue.

For insert arrangements:  See MIL-STD-1560.

PIN example:

```
D38999/44 FA 35 P N
```

- Polarizing position:  N is required for normal position
- Contact style
- Insert arrangement
- Shell size code
- Class
- Specification sheet number
- DoD prefix

Amendment notations.  The margins of this specification are marked with vertical lines to indicate modifications generated by this amendment.  This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations.  Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notation.

Referenced documents.  In addition to MIL-DTL-38999, this document references the following:

- MIL-DTL-38999/46
- MIL-DTL-38999/47
- MIL-STD-1560
CONCLUDING MATERIAL

Custodians:
Army - CR
Navy - AS
Air Force - 85
DLA - CC

Preparing activity:
DLA - CC

Review activities:
Army - AR, MI
Navy - EC, MC, OS
Air Force - 19, 99

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at https://assist.daps.dla.mil.