DETAIL SPECIFICATION SHEET

CONNECTORS, PLUG, ELECTRICAL, STRAIGHT,
CRIMP TYPE, BAYONET COUPLING, SERIES I

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.

FIGURE 1. Plug, classes E, T and P.
<table>
<thead>
<tr>
<th>Shell size</th>
<th>Class E</th>
<th>Class P</th>
<th>Class T (to the end of the serrations)</th>
<th>DD dia max</th>
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</thead>
<tbody>
<tr>
<td>9</td>
<td>1.234</td>
<td></td>
<td></td>
<td>.859</td>
</tr>
<tr>
<td>11</td>
<td></td>
<td></td>
<td></td>
<td>.984</td>
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<td></td>
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<td></td>
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</tr>
<tr>
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<td></td>
<td>1.766</td>
<td></td>
<td>1.766</td>
</tr>
<tr>
<td>25</td>
<td></td>
<td></td>
<td></td>
<td>1.891</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inches</th>
<th>mm</th>
<th>Inches</th>
<th>mm</th>
</tr>
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<tbody>
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<td>1.406</td>
<td>35.71</td>
</tr>
<tr>
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<td>42.44</td>
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<td>31.34</td>
<td>1.766</td>
<td>43.86</td>
</tr>
<tr>
<td>1.281</td>
<td>32.54</td>
<td>1.891</td>
<td>48.03</td>
</tr>
</tbody>
</table>

NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. For main key positions, see MIL-DTL-38999.
4. Dimensioning and tolerances are in accordance with ASME Y14.5.

FIGURE 1. Plug, classes E, T and P - Continued.
REQUIREMENTS:

Dimensions and configuration: See figure 1. Interface dimensions shall be in accordance with MIL-DTL-38999.

Mating connectors: MS27466, MS27468, MS27469, MS27470, MS27471, MS27496, MS27505, MS27515, MS27652, MS27654, MS27656 and MS27662.

Insert arrangements: See MIL-STD-1560.

Part or Identifying Number (PIN) example:

<table>
<thead>
<tr>
<th>MS number</th>
<th>T</th>
<th>25</th>
<th>F</th>
<th>29</th>
<th>P</th>
<th>A</th>
</tr>
</thead>
</table>

MS number
Class
Shell size
Finish
Insert arrangement
Contact style
Polarizing positions

No letter designator is required for normal.

Specification restrictions

Classes E and P are inactive for new design for the Air Force.
Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue, due to the extent of the changes.

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

MIL-STD-1560
MS27466
MS27468
MS27469
MS27470
MS27471
MS27496
MS27505
MS27515
MS27652
MS27654
MS27656
MS27662
ASME Y14.5

CONCLUDING MATERIAL

Custodians: Preparing activity:
Army - CR DLA - CC
Navy - AS
Air Force – 85 (Project 5935–2012-020)
DLA - CC

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

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.