DETAIL SPECIFICATION SHEET

CONNECTORS, RECEPTACLE, ELECTRICAL, WALL MOUNTING
FLANGE, 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. Receptacle, classes E, T and P.
<table>
<thead>
<tr>
<th>Shell size</th>
<th>K max</th>
<th>L (class E) max</th>
<th>L (class P) max</th>
<th>L (class T) max</th>
<th>M max</th>
<th>P dia max</th>
<th>R BSC</th>
<th>S ±</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>.085</td>
<td>.531</td>
<td>see basic</td>
<td>see basic</td>
<td>.632</td>
<td>.128</td>
<td>.3595</td>
<td>.938</td>
</tr>
<tr>
<td>11</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>.406</td>
<td>1.031</td>
</tr>
<tr>
<td>13</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>.453</td>
<td>1.125</td>
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<td>1.312</td>
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<td>.578</td>
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<td>.115</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>.625</td>
<td>1.562</td>
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<td>23</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>.6875</td>
<td>1.688</td>
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<td>25</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>.750</td>
<td>1.812</td>
</tr>
</tbody>
</table>

FIGURE 1. Receptacle, classes E, T and P - Continued.
Inches | mm | Inches | mm | Inches | mm
---|---|---|---|---|---
.005 | 0.13 | .406 | 10.31 | .938 | 23.83
.007 | 0.18 | .453 | 11.51 | .953 | 24.21
.010 | 0.25 | .4845 | 12.31 | 1.031 | 26.19
.015 | 0.38 | .516 | 13.11 | 1.047 | 26.59
.085 | 2.16 | .531 | 13.49 | 1.125 | 28.58
.115 | 2.92 | .578 | 14.68 | 1.156 | 29.36
.128 | 3.25 | .602 | 15.29 | 1.219 | 30.96
.147 | 3.73 | .625 | 15.88 | 1.312 | 33.32
.156 | 3.96 | .632 | 16.05 | 1.438 | 36.53
.266 | 6.76 | .6875 | 17.46 | 1.562 | 39.67
.3595 | 9.13 | .750 | 19.05 | 1.688 | 42.88

NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. For main keyway and keyway positions, see MIL-DTL-38999.
4. The gauge features for GG shall be .010 (0.25 mm) smaller than the MMC size at basic location.

FIGURE 1. Receptacle, 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: This connector mates with MS27467, MS27661 and MS27653.
Insert arrangements: See MIL-STD-1560.

Part or Identifying Number (PIN) example:

MS number ____________
Class ____________
Shell size ____________
Finish ____________
Insert arrangement ____________
Contact style ____________
Polarizing positions ____________
No letter designator is required for normal.

<table>
<thead>
<tr>
<th>Specification restrictions</th>
<th>Navy</th>
<th>Army</th>
<th>Air Force</th>
</tr>
</thead>
<tbody>
<tr>
<td>The entire specification sheet is inactive for new design.</td>
<td>For ground equipment only, class E is inactive for new design.</td>
<td>Classes E and P are inactive for new design.</td>
<td></td>
</tr>
</tbody>
</table>

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
MS27467
MS27653
MS27661
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

(Project 5935–2012-019)

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.