DETAIL SPECIFICATION SHEET

RECEPTACLE, PLUG, ELECTRICAL, 4-PIN GROUNDED, 10-AMPERE, 450-VOLT, 60-HERTZ, 3-PHASE (SYMBOL NO. 1258)

Inactive for new design after 28 June 1999.

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-2726.

FIGURE 1. Dimensions and configurations.
Inches | mm  
---|---
.005 | 0.13  
.062 | 1.57  
.125 | 3.18  
.130 | 3.30  
.156 | 3.96  
.161 | 4.09  
.469 | 11.91  
.531 | 13.49  
.562 | 14.27  
.625 | 15.88  
1.156 | 29.36  
1.157 | 29.38  
1.280 | 32.51  
1.437 | 36.50  
1.75  | 44.5  
1.875 | 47.63  
3.000 | 76.20

NOTES:  
1. Dimensions are in inches.  
2. Metric equivalents are given for information only.  
3. Unless otherwise specified, tolerances are ± .016 (0.41mm) and ± 0°30’ on angles.

FIGURE 1. **Dimensions and configurations** - Continued.
REQUIREMENTS

Dimensions and configurations: See figures 1 and 2.

Effectiveness of enclosure: Watertight in accordance with MIL-STD-108 when coupled with mating receptacle.

Strain relief: 20 pounds.

Material: Plug body and retainer – polycarbonate (black).
          Contact insulation – in accordance with type MAI-60 of ASTM-D5948

Contact hardness: Minimum of Rockwell 80F.

Packing assembly: MIL-S-19622/18, PIN: M19622/18-018.


Test cable: In accordance with MIL-DTL-24643/3.

Assembly: Tapping of insulation (inserts not required) for assembly with plug body for two flat head nylon screws is permitted.

Cap: Shall be provided (see figure 2).

Electrical rating: 10-ampere, 450-volt, alternating current, 60-hertz.

PIN: M2726/53-001.
MIL-DTL-2726/53B

Inches | mm  
--- | ---  
.031 | 0.79  
.094 | 2.39  
.656 | 16.66  
.750 | 19.05  
.953 | 24.21  
1.125 | 28.58  
1.500 | 38.10  

NOTES:  
1. Dimensions are in inches.  
2. Metric equivalents are given for information only.  
3. Unless otherwise specified, tolerances are ± .010 (0.25mm) per linear inch, whichever is greater.  
4. Angular dimensions are ± 0°30'.  
6. Marking Part or Identifying Number (PIN): M19622/10-0003 tube size and manufacturer's logo or name in .125 inch high raised letters on face of cup (see MIL-S-19622).  

FIGURE 2. Plug insulation cap.
VERIFICATION

Verification shall be as specified in MIL-DTL-2726 and table I herein. The first article and conformance inspections shall consist of the inspections as specified in table I, in the order shown.

TABLE I. First article and conformance inspection.

<table>
<thead>
<tr>
<th>Inspection</th>
<th>First article</th>
<th>Conformance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Examination</td>
<td>X</td>
<td>X</td>
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<tr>
<td>Insulation resistance</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Dielectric withstanding voltage</td>
<td>X</td>
<td>X</td>
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<tr>
<td>Contact resistance</td>
<td>X</td>
<td>X</td>
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<td>Dielectric withstanding voltage</td>
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<td>Mechanical abuse</td>
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<tr>
<td>Ball drop impact</td>
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<tr>
<td>Strain relief</td>
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<td>X</td>
</tr>
<tr>
<td>Rockwell hardness</td>
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<td>X</td>
</tr>
</tbody>
</table>

Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

Referenced documents. In addition to MIL-DTL-2726, this document references the following:

ASTM-D5948
FED-STD-H28/2
MIL-DTL-2726/58
MIL-S-19622
MIL-S-19622/18
MIL-DTL-24643/3
MIL-STD-108
MIL-DTL-2726/53B

CONCLUDING MATERIAL

Custodians:
Army - CR
DLA – CC
Navy - SH

Preparing activity:
DLA - CC

(Project 5935-4733-000)

Review activities:
Army – AV, MI

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 http://assist.daps.dla.mil.