DETAIL SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, ENCLOSED, 4 - PIN GROUNDED, 40 - AMPERE, 450 - VOLT, ALTERNATING CURRENT (SYMBOL NOS. 1147.1, 1147.2 AND 1147.3)

Inactive for new design as of 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. Receptacle (symbol 1147.1 shown).
FIGURE 1. Receptacle (symbol 1147.1 shown) – Continued.
MIL-DTL-2726/16B

NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are ± .016 (0.41mm) and ± .5° on angles.
5. Mounting bolt: .38 - 16 HEX HD.

FIGURE 1. Receptacle (symbol 1147.1 shown) – Continued.
MIL-DTL-2726/16B

NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are ± .016 (0.41mm) and ± .5° on angles.
4. Optional molded plastic receptacle.

FIGURE 2. Cover and receptacle integral (plastic).
REQUIREMENTS

Dimensions and configurations: See figures 1 and 2.

Effectiveness of enclosure: Watertight in accordance with MIL-STD-108.

Enclosure assembly: See table I.

Receptacle assembly: See table I.

Cap assembly: MIL-DTL-2726/13, Part or Identifying Number (PIN) M2726/13-001.

Material: For symbol number 1147.3, the box shall be molded plastic, in accordance with ASTM-D5948 type MAI-60, (see table I).

Mating plug: MIL-DTL-2726/3, PIN M2726/3-001.

Electrical rating: 40-ampere, 450-volt, alternating current, 60-hertz.

PIN: See table I.

TABLE I. Assembly parts.

<table>
<thead>
<tr>
<th>PIN</th>
<th>Symbol number</th>
<th>Box</th>
<th>Cover</th>
<th>Receptacle unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2726/16-001</td>
<td>1147.1</td>
<td>M24142/5-002</td>
<td>M24142/5-002</td>
<td>M2726/9-001 (metal housing)</td>
</tr>
<tr>
<td>M2726/16-002</td>
<td>1147.2</td>
<td>M24142/5-002</td>
<td>M24142/5-002</td>
<td>M2726/9-002 (metal)</td>
</tr>
<tr>
<td>M2726/16-003</td>
<td>1147.3</td>
<td>Molded plastic</td>
<td>(see ASTM-D5948</td>
<td>M2726/9-002 (integral with cover)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(see ASTM-D5948</td>
<td>MAI-60)</td>
<td></td>
</tr>
<tr>
<td>M2726/16-004</td>
<td></td>
<td></td>
<td></td>
<td>See figure 2</td>
</tr>
</tbody>
</table>

VERIFICATION

Verification shall be as specified in MIL-DTL-2726 and table II herein. The first article and conformance inspections shall consist of the inspections as specified in table II, in the order shown.
TABLE II. First article and quality 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>
</tr>
<tr>
<td>Vibration</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Shock</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Salt spray</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Effectiveness of enclosure</td>
<td>X</td>
<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 extent of the changes.

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

ASTM-D5948
MIL-DTL-2726/3
MIL-DTL-2726/13
MIL-STD-108

CONCLUDING MATERIAL

 Custodians: Navy - SH
Dля - CC

Preparing activity
DLA - CC
(Project 5935-4617-013)

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.