DETAIL SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, ENCLOSED, 3-PIN GROUNDED, 50-AMPERE, 250-VOLT, DIRECT CURRENT
(SYMBOL NOS. 1146.1, 1146.2 AND 1146.3)

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. Receptacle (symbol 1146.1 shown).
FIGURE 1. Receptacle (symbol 1146.1 shown) – Continued.
NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are ± .016 (0.41mm) and ± 0.5° on angles.
5. Mounting bolts: .38 - 16 HEX HD.

FIGURE 1. Receptacle (symbol 1146.1 shown) – Continued.
MIL-DTL-2726/15C

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° degree on angles.

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 unit: See table I.

Material: For symbol number 1146.3, box and cover with receptacle unit, integral, shall be of molded plastic in accordance with ASTM-D5948 type MAI-60.


Mating plug: MIL-DTL-2726/2, PIN M2726/2 - 001.

Electrical rating: 50 ampere, 250 volt, direct current.

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>M2726/15-001</td>
<td>1146.1</td>
<td>M24142/5-002 (metal)</td>
<td>M24142/5-002 (metal)</td>
<td>M2726/8-001 (metal housing)</td>
</tr>
<tr>
<td>M2726/15-002</td>
<td>1146.2</td>
<td>M24142/5-002 (metal)</td>
<td>M24142/5-002 (metal)</td>
<td>M2726/8-002 (plastic)</td>
</tr>
<tr>
<td>M2726/15-003</td>
<td>1146.3</td>
<td>Molded plastic (see ASTM-D5948, MAI-60)</td>
<td>(see ASTM-D5948, MAI-60)</td>
<td>M2726/18-002 (integral with cover)</td>
</tr>
<tr>
<td>M2726/15-004</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 I 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</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></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-2726/2
- MIL-DTL-2726/13
- MIL-STD-108

CONCLUDING MATERIAL

Custodians: Navy - SH  DLA - CC

Preparing activity  DLA - CC

(Project 5935-4617-012)

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.