DETAILED SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, ENCLOSED, 100 AMPERE, 250 VOLT,
DIRECT CURRENT, BULKHEAD MOUNTED (SYMBOL NO. 726.1)

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 enclosed.
MIL-DTL-2726/23B

NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are ± .016 (0.41mm).
5. Part or Identifying Number (PIN) M2726/23-001 used for replacement only.

FIGURE 1. Receptacle enclosed - Continued.

SECTION A - A

FIGURE 2. Receptacle fitting.
NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. PIN: M2726/23-002 unless otherwise specified, tolerances are ± .016 (0.41mm).

FIGURE 2. Receptacle fitting - Continued.

REQUIREMENTS

Dimensions and configurations: See figures 1 and 2.
Effectiveness of enclosure: Watertight in accordance with MIL-STD-108.
Contact hardness: Minimum of Rockwell 60B.
Gasket: Rubber in accordance with MIL-PRF-900.
O-RING: As specified in SAE-AS28775.
Cap: Brass.
Enclosure assembly: Steel.
Base: In accordance with MIL-I-24768/1 type GME.
Insulation block: In accordance with ASTM-D5948 type MAI-60.
MIL-DTL-2726/23B

Electrical rating: 100-ampere, 250-volt, direct current.

PIN: M2726/23-001 (assembly), M2726/23-002 (receptacle fitting).

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>
<thead>
<tr>
<th>Inspection</th>
<th>First article</th>
<th>Conformance</th>
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<tbody>
<tr>
<td>Examination</td>
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<td>X</td>
</tr>
<tr>
<td>Insulation resistance</td>
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<td>X</td>
</tr>
<tr>
<td>Dielectric withstanding voltage</td>
<td>X</td>
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<td>Contact resistance</td>
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<tr>
<td>Shock</td>
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<tr>
<td>Effectiveness of enclosure</td>
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<td>X</td>
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<tr>
<td>Dielectric withstanding voltage</td>
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</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-I-24768/1
- MIL-PRF-900
- MIL-DTL-2726/46
- MIL-STD-108
- SAE-AS28775

CONCLUDING MATERIAL

Custodians: Navy - SH, DLA - CC

Preparing activity: DLA - CC

(Project 5935-4617-016)

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.