DRAFT SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, ENCLOSED, 10-AMPERE, 125-VOLT, 3-PHASE, GROUNDED (SYMBOL NO. 741.2)

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 assembly.
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. Receptacle assembly – Continued.

FIGURE 2. Receptacle fitting.
MIL-DTL-2726/67B

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 2. Receptacle fitting – Continued

REQUIREMENTS

Dimensions and configurations: See figures 1 and 2.

Effectiveness of enclosure: Watertight in accordance with MIL-STD-108.
Receptacle material: Spring contact, phosphor bronze spring temper.
Base type MAI-60 in accordance with ASTM-D5948.
Ground screw shall be finished in a distinctive green color.

Enclosure: Material may be molded plastic type MAI-60 in accordance with ASTM-D5948.

Enclosure shall be in accordance with MIL-E-24142, Part or Identifying Number (PIN): M24142/5-002.

Design: Enclosure cover and receptacle assembly may be a one-piece molded unit.

Cap material: Brass or plastic. Intended use, maintain degree of enclosure when plug is removed.

Mating plug: MIL-DTL-2726/68, PIN M2726/68-001.

Electrical rating: 10-ampere, 125-volt, alternating current, 60-hertz.

PIN: M2726/67-001 (receptacle assembly).
M2726-67-002, (receptacle assembly).

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>
</tr>
<tr>
<td>Insulation resistance</td>
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<td>X</td>
</tr>
<tr>
<td>Dielectric withstanding voltage</td>
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<tr>
<td>Contact resistance</td>
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<td>X</td>
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<td>Vibration</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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<td></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
MIL-DTL-2726/68
MIL-E-24142
MIL-STD-108
MIL-DTL-2726/67B

CONCLUDING MATERIAL

Custodians:
Army - CR
DLA - CC
Navy - SH

Preparing activity:
DLA - CC

(Project 5935-4760-000)

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.