DETAIL SPECIFICATION SHEET

RECEPTACLE WITH SWITCH, ELECTRICAL, 60 - AMPERE, 208/117 - VOLT, 3 - PHASE, INTERLOCKING, GROUNDED (SYMBOL NO. 776.1)

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 with switch.
NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are ± .016 (0.41mm).
4. Part or Identifying Number (PIN) M2726/27-001.

FIGURE 1. Receptacle with switch – Continued.
MIL-DTL-2726/27C

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. PIN M2726/27-002.

FIGURE 2. Receptacle fitting.
REQUIREMENTS

Dimensions and configurations: See figures 1 and 2.

Enclosure assembly: In accordance with MIL-E-24142/6, PIN M24142/6-002.

Effective of enclosure: Submersible (15-foot) in accordance with MIL-STD-108.

Switch: Rotary, in accordance with MIL-DTL-15291 type 6SR3A4.

Mating plug: MIL-DTL-2726/26, PIN M2726/26-001.

Gasket: In accordance with MIL-PRF-900, except that the hardness shall be durometer 65.

Insulation: Shall be molded plastic in accordance with ASTM-D5948 type MAI-60 or MIL-I-24768/1 type GME.

Electrical rating: 60-ampere, 208/117-volt, alternating current.

Handle: The handle shall be of non-conducting material and designed to turn the switch on and off and also serve as an interlock to prevent removal or insertion of the plug and cap while the switch is in the “ON” position.

PIN: M2726/27-001 (assembly), M2726/27-002 (receptacle fitting).

Internal wiring: To be furnished.

Contact finish: Silver plate.

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 quality conformance inspection.

<table>
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<th>Inspection</th>
<th>First article</th>
<th>Conformance</th>
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</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>
<td>X</td>
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<tr>
<td>Contact resistance</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>
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<tr>
<td>Operation</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-DTL-2726/26
- MIL-E-24142/6
- MIL-I-24768/1
- MIL-PRF-900
- MIL-DTL-15291
- MIL-STD-108

CONCLUDING MATERIAL

Custodians:                                                                                                             Preparing activity
            Navy - SH                                                 DLA - CC
            DLA - CC

(Project 5935-4617-019)

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.