DETAIL SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, 10 - AMPERE, 125 - VOLT, SINGLE POLE, PANEL MOUNTED (SYMBOL NO. 775.1 - BLACK; SYMBOL NO. 775.2 - RED)

Reactivated after 13 May 2005 and may be used for new and existing designs and acquisitions.

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.

**NOTES:**
1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are ± .016 (0.41mm).

**FIGURE 1.** Dimensions and configuration.
MIL-DTL-2726/32B

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Contact resistance: When tested as specified in accordance with MIL-DTL-2726, the voltage drop shall not exceed 10 millivolts. Measured between the connection stud of the receptacle.

Uncoupling force: Minimum of 5 pounds.

H.I. shock: Disengagement of the test plug from the receptacle under H.I. shock shall not be considered as a failure.

Contact hardness: Minimum of Rockwell 76B.

Mating plug: MIL-DTL-2726/30, Part or Identifying Number (PIN) M2726/30-001 (not furnished).

Design: Receptacle shall be designed to fit the following: Panel hole .500 inch diameter Panel thickness .125 inch to .250 inch.

Material: Body - rubber, in accordance with ASTM D 2000 M2AC 710 A13E034 or plastic, in accordance with type MAI-60 of ASTM-D5948.

PIN: M2726/32-001 (black) symbol 775.1, M2726/32-002 (red) symbol 775.2.

Electrical rating: 10-ampere, 125-volt.

Contact finish: Silver plate.

Receptacles body and spacer tube shall be colored.

QUALITY ASSURANCE:

Quality assurance shall be as specified in MIL-DTL-2726 and table I herein. The first article and quality 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>
<thead>
<tr>
<th>Inspection</th>
<th>First article</th>
<th>Quality conformance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Examination</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Insulation resistance</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Dielectric withstanding voltage</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Contact resistance</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Uncoupling force</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Endurance</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Uncoupling force</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Salt spray</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Contact resistance</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Current load</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Vibration</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Shock</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Dielectric withstanding voltage</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Rockwell hardness</td>
<td>X</td>
<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 extent of the changes.

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

- ASTM-D2000
- ASTM-D5948
- MIL-DTL-2726/30

CONCLUDING MATERIAL

Custodians: Navy - SH
            DLA - CC

Preparing activity: DLA - CC
(Project 5935-4617-022)

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](http://assist.daps.dla.mil).