DETAIL SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, 4-POLE GROUNDED, 60-AMPERE, 450-VOLT, 3-PHASE (SYMBOL NO. 1266)

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. Dimensions and configurations.

AMSC N/A

FSC 5935
NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are ±0.016 (0.41mm) and ±0°30’ on angles.

FIGURE 1. Dimensions and configurations - Continued.
REQUIREMENTS

Dimensions and configurations: See figure 1.

Effectiveness of enclosure: Watertight in accordance with MIL-STD-108 when coupled with mating receptacle.

Material: Housing – optional – polyamide (nylon) or metal. Contact insulation – in accordance with type MAI-60 ASTM-D5948.

Contact hardness: Minimum of Rockwell 80 F.


Contact resistance: When tested as specified in MIL-DTL-2726, the voltage drop shall not exceed 75 millivolts measured between the ends of two 25-inch lengths of test cable properly connected to a test receptacle and plug, respectively.

Test cable: Commercial 4-conductor, AWG size 4 (259 by 25), 600-volt, type W.

Design: Plastic enclosed terminal barriers shall be provided.

PIN: M2726/61-001.

Electrical rating: 60-ampere, 450-volt, alternating current, 60-hertz.

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>
</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>
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<tr>
<td>Contact resistance</td>
<td>X</td>
<td>X</td>
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<tr>
<td>Endurance</td>
<td>X</td>
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<tr>
<td>Salt spray</td>
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<tr>
<td>Contact resistance</td>
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<tr>
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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>Rockwell hardness</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 extensiveness of the changes.

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

ASTM-D5948  
MIL-DTL-2726/56  
MIL-STD-108

CONCLUDING MATERIAL

Custodians:  Preparing activity:
Army - CR  DLA - CC
DLA - CC  (Project 5935-4755-000)
Navy - SH

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.