DETAIL SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, ENCLOSED, 15-AMPERE, 125-VOLT, 2-POLE, GROUNDED (SYMBOL NO. 735.3)

Inactive for new design after 26 December 1990

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 and MIL-R-2726.

FIGURE 1. Dimensions and configurations.
NOTES:
1. Dimensions are in inches.
2. Unless otherwise specified, tolerances are ± .016 inch (0.41mm).
3. Metric equivalents are given for general information only.
4. Angular tolerance is ± 0.5°.
5. Supersedes Drawing 9000-S6202-74026, symbol 735.1.

FIGURE 1. Dimensions and configurations – Continued.
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Requirements:

Dimensions and configuration: See figure 1.

Effectiveness of enclosure: Watertight in accordance with MIL-STD-108.

Material: Material shall be nonmagnetic.

  Receptacle base: Type MAI-60 in accordance with ASTM D5948 or polycarbonate.
  Plug guide: GME in accordance with MIL-I-24768/1 or type MAI-60 in accordance with
  ASTM D5948.
  Spring contacts: Phosphor bronze, spring temper.

Mating plug: MIL-R-2726/50, Part or Identifying Number (PIN) M2726/50-001 (not furnished).

Cap: In accordance with Drawing 9000-S6202-74031-119.

Enclosure: In accordance with MIL-E-24142/5, PIN M24142/5-001.

Electrical rating: 15 ampere, 125 volt.

PIN: M2726/47-001 (receptacle assembly)
    M2726/47-002 (receptacle)
    M2726/47-003 (plug guide)

Examination and tests:

Requirements for first article and quality conformance, as shown below, shall be in accordance with
MIL-R-2726. Examinations and tests shall be performed in the order shown (see table I).

Examination: Visual and dimensional examination shall meet the requirements for materials, design
and construction, performance, marking and workmanship indicated in MIL-R-2726.

Tests: The following tests shall be required:

<table>
<thead>
<tr>
<th>Test in accordance with MIL-R-2726</th>
<th>First article</th>
<th>Quality conformance</th>
</tr>
</thead>
<tbody>
<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, plugs and receptacles</td>
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<td>X</td>
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<td>Current load</td>
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<td>Endurance</td>
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<tr>
<td>Salt spray</td>
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<tr>
<td>Contact resistance, plugs and receptacles</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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<tr>
<td>Magnetic permeability</td>
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<td>X</td>
</tr>
</tbody>
</table>
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Note: Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

CONCLUDING MATERIAL

Custodians:
Navy - SH
DLA - CC

Preparing activity:
DLA - CC
(Project 5935-4424-001)