

INCH-POUND
MIL-DTL-2726/59B
31 August 2005
SUPERSEDING
MIL-R-2726/59A(SH)
3 July 1986

DETAIL SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, 3-PIN GROUNDED, 10-AMPERE,
450-VOLT, 400 HERTZ, SINGLE PHASE (SYMBOL NO. 1264)

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.

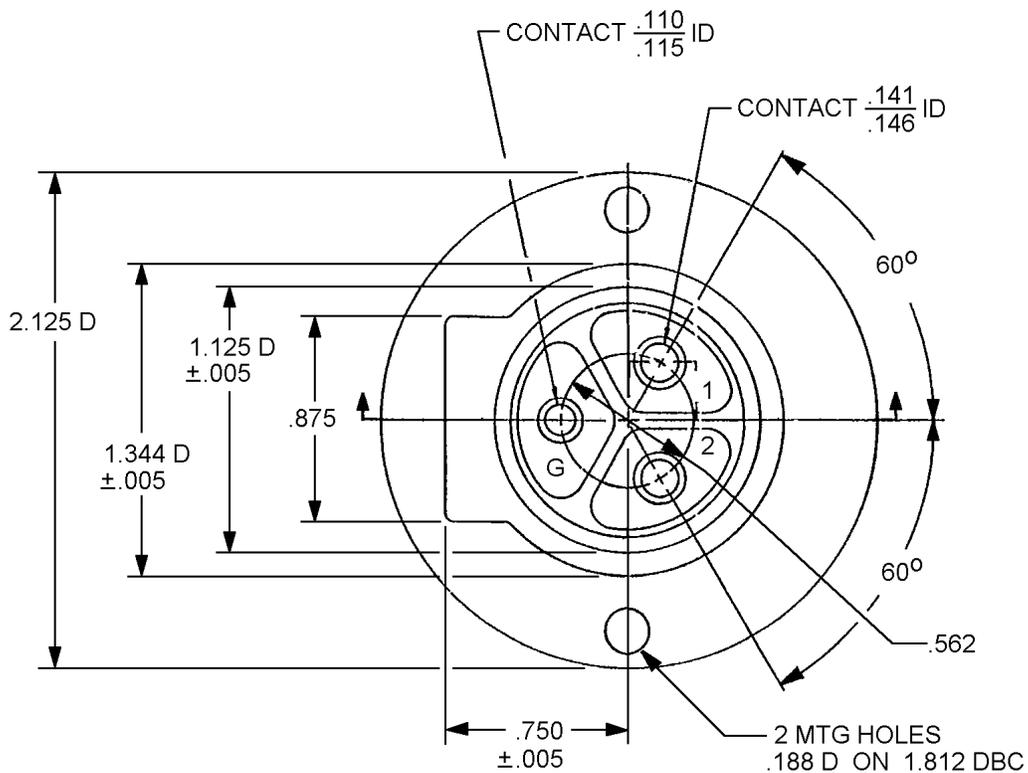
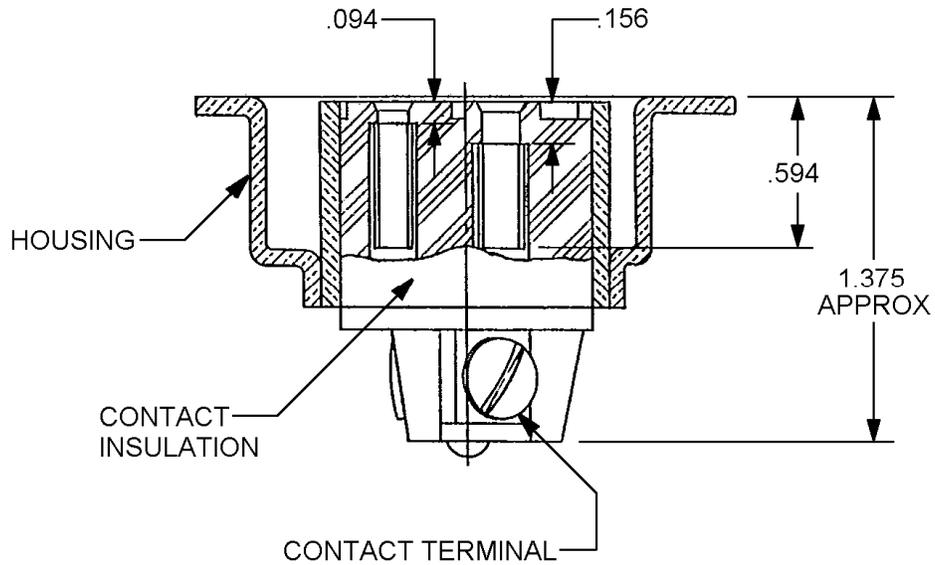


FIGURE 1. Dimensions and configurations.

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| Inches | mm |
|--------|-------|
| .005 | 0.13 |
| .094 | 2.39 |
| .110 | 2.79 |
| .115 | 2.92 |
| .141 | 3.58 |
| .146 | 3.71 |
| .156 | 3.96 |
| .188 | 4.78 |
| .562 | 14.27 |
| .594 | 15.09 |
| .750 | 19.05 |
| .875 | 22.23 |
| 1.125 | 28.56 |
| 1.344 | 34.14 |
| 1.375 | 34.93 |
| 1.812 | 46.02 |
| 2.125 | 53.98 |

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are $\pm .016$ (0.41mm) and $\pm 0^{\circ}30'$ on angles.

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 when mounted in a suitable enclosure.

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

Contact hardness: Minimum of Rockwell 80F.

Mating Plug: MIL-DTL-2726/54, Part or Identifying Number (PIN): M2726/54-001.

Design: Plastic housing and insulation may be a one-piece molded unit.

PIN: M2726/59-001.

Electrical rating: 10-ampere, 450-volt, alternating current, 400-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 I. First article and conformance inspection.

| Inspection | First article | Conformance |
|---------------------------------|---------------|-------------|
| Examination | X | X |
| Insulation resistance | X | X |
| Dielectric withstanding Voltage | X | X |
| Contact resistance | X | X |
| Endurance | X | |
| Salt spray | X | |
| Contact resistance | X | |
| Current load | X | |
| Vibration | X | |
| Shock | X | |
| Effectiveness of enclosure | X | X |
| Dielectric withstanding voltage | X | |
| Rockwell hardness | X | |

Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

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

ASTM-D5948
MIL-DTL-2726/54
MIL-STD-108

CONCLUDING MATERIAL

Custodians:
Army - CR
DLA - CC
Navy - SH

Preparing activity:
DLA - CC

(Project 5935-4753-000)

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>.