

INCH-POUND
MIL-DTL-2726/67B
31 August 2005
SUPERSEDING
MIL-R-2726/67A(SH)
3 July 1986

DRAFT SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, ENCLOSED, 10-AMPERE, 125-VOLT,
3-PHASE, GROUNDED (SYMBOL NO. 741.2)

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.

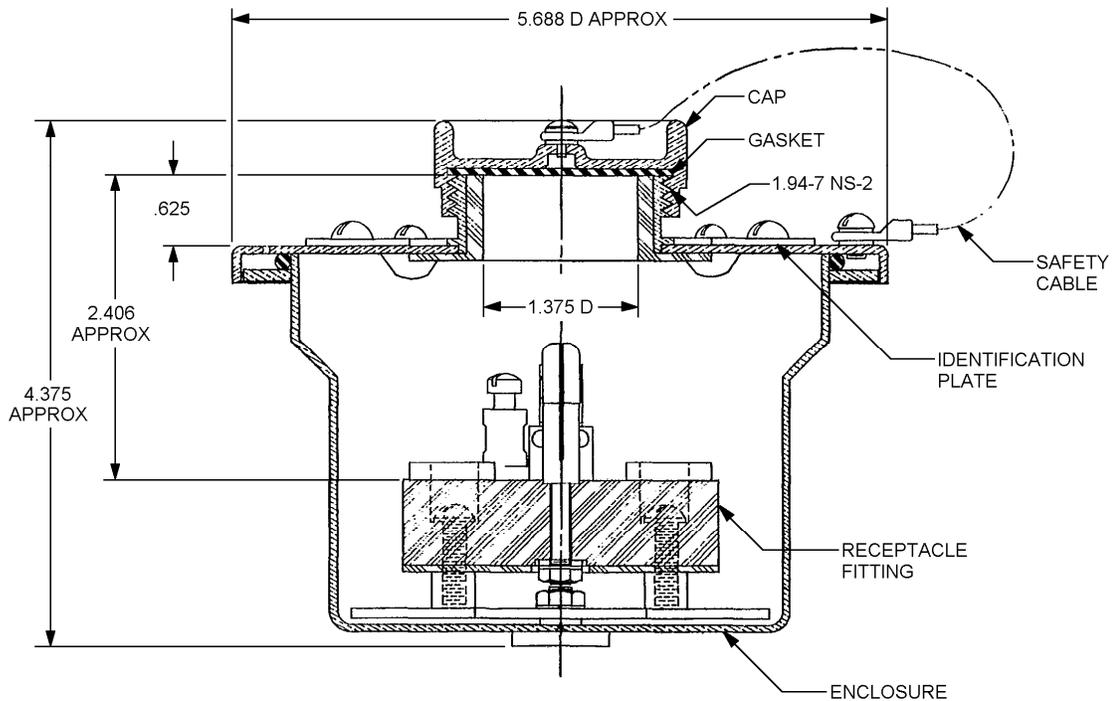
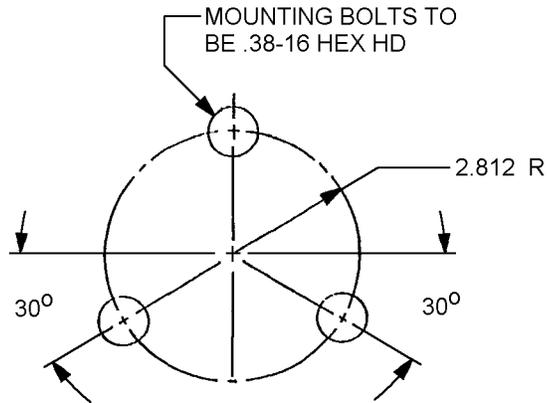


FIGURE 1. Receptacle assembly.



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are $\pm .016$ (0.41 mm) and $\pm 0^{\circ}30'$ on angles.
- 4.. Supersedes: Drawing 9000-S6202-74159.

FIGURE 1. Receptacle assembly – Continued.

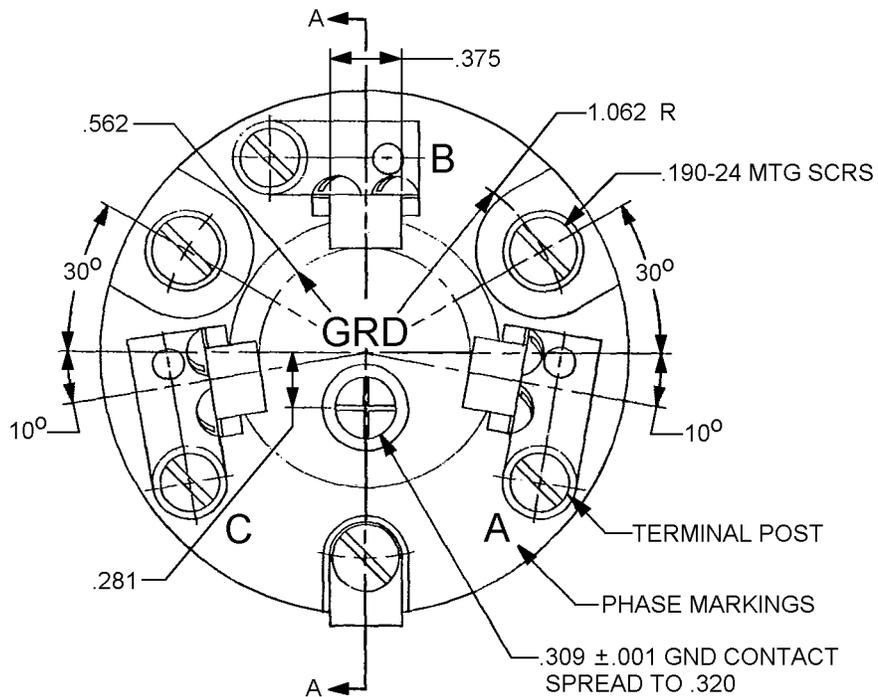
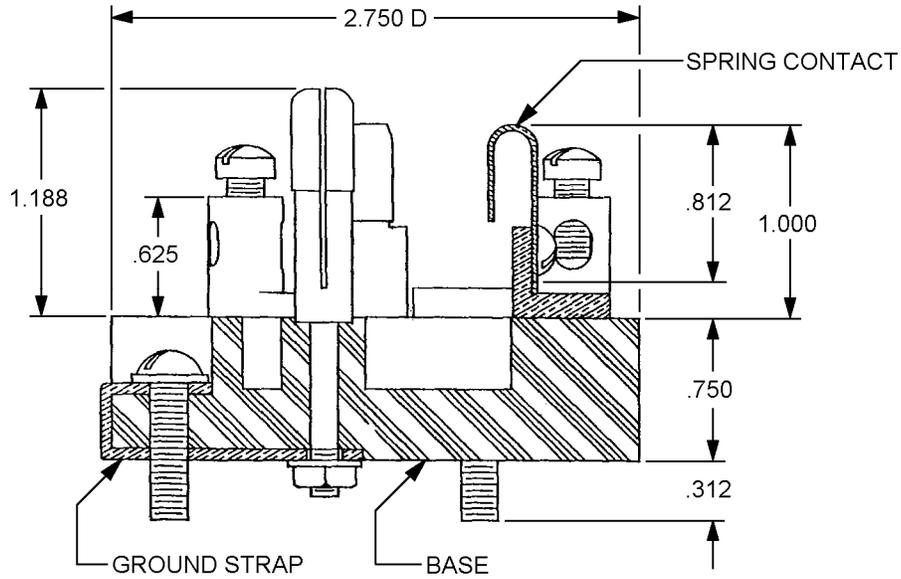


FIGURE 2. Receptacle fitting.

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Inches	mm	Inches	mm
.001	0.03	.812	20.62
.190	4.83	1.000	25.40
.281	7.14	1.062	26.97
.309	7.85	1.188	30.18
.312	7.92	1.375	34.93
.320	8.13	1.94	49.3
.375	9.53	2.406	61.11
.38	9.7	2.750	69.85
.562	14.27	2.812	71.42
.625	15.88	4.375	111.13
.750	19.05	5.688	144.48

NOTES:

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

FIGURE 2. Receptacle fitting – Continued

REQUIREMENTS

Dimensions and configurations: See figures 1 and 2.

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

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Receptacle material: Spring contact, phosphor bronze spring temper.
Base type MAI-60 In accordance with ASTM-D5948.
Ground screw shall be finished in a distinctive green color.

Enclosure: Material may be molded plastic type MAI-60 In accordance with ASTM-D5948.

Enclosure shall be in accordance with MIL-E-24142, Part or Identifying Number (PIN): M24142/5-002.

Design: Enclosure cover and receptacle assembly may be a one-piece molded unit.

Cap material: Brass or plastic. Intended use, maintain degree of enclosure when plug is removed.

Mating plug: MIL-DTL-2726/68, PIN M2726/68-001.

Electrical rating: 10-ampere, 125-volt, alternating current, 60-hertz.

PIN: M2726/67-001 (receptacle assembly).
M2726-67-002, (receptacle assembly).

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
Current load	X	
Endurance	X	
Salt spray	X	
Contact resistance	X	
Vibration	X	
Shock	X	
Effectiveness of enclosure	X	X
Dielectric withstanding voltage	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.

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

- ASTM-D5948
- MIL-DTL-2726/68
- MIL-E-24142
- MIL-STD-108

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CONCLUDING MATERIAL

Custodians:
Army - CR
DLA - CC
Navy - SH

Preparing activity:
DLA - CC

(Project 5935-4760-000)

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>.