

INCH-POUND
MIL-DTL-2726/42B
20 October 2006
SUPERSEDING
MIL-R-2726/42A(SH)
3 July 1986

DETAIL SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, ENCLOSED, 60 - AMPERE, 500 - VOLT,
3 - PHASE, GROUNDED (SYMBOL NO. 746.2)

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.

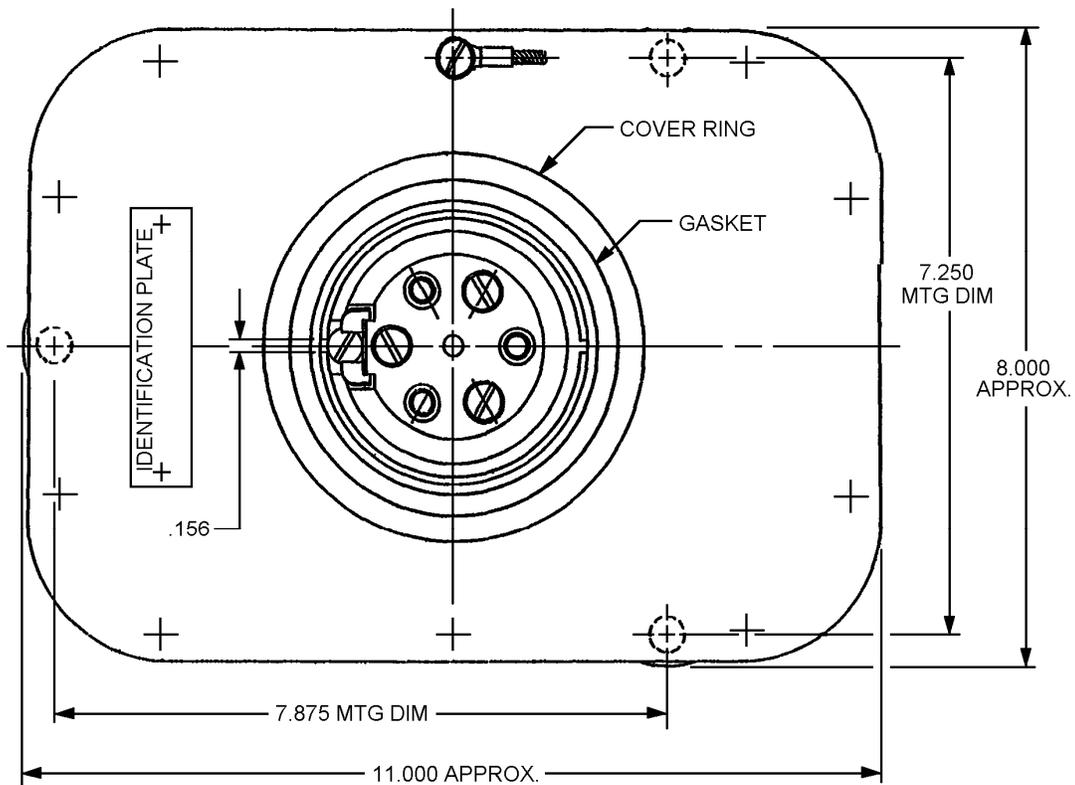
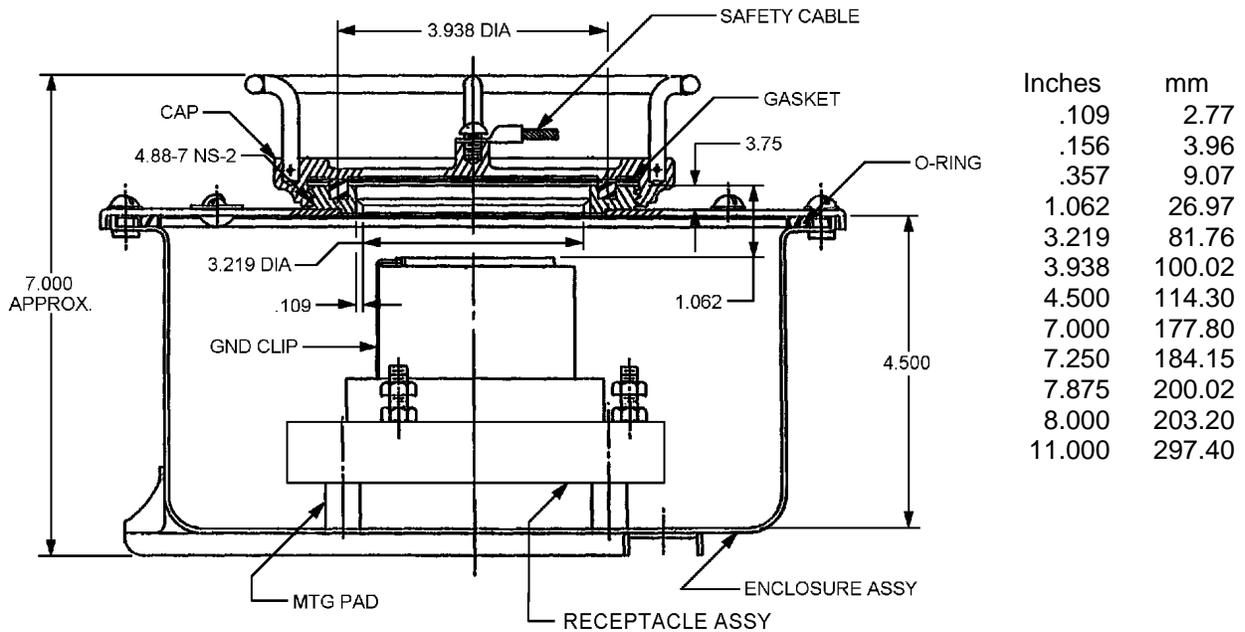


FIGURE 1. Dimensions and configurations.



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are $\pm .016$ (0.41mm).
4. Supersedes: Drawing 9-S-5427L, symbol 746.

FIGURE 1. Dimensions and configurations - Continued.

REQUIREMENTS

Dimensions and configurations: See figure 1.

Enclosure: In accordance with MIL-E-24142/3, Part or Identifying Number (PIN) M24142/3-001.

Effectiveness of enclosure: Submersible (15-foot) in accordance with MIL-STD-108.

Receptacle: In accordance with MIL-DTL-2726/27, PIN M2726/27-002.

Mating plug: In accordance with MIL-DTL-2726/26, PIN M2726/26-001.

PIN: M2726/42-001.

Gasket: In accordance with MIL-PRF-900, except that the hardness shall be durometer 65.

Electrical rating: 60-ampere, 500-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 I. First article and quality conformance inspection.

Inspection	First article	Conformance
Examination	X	X
Insulation resistance	X	X
Dielectric withstanding voltage	X	X
Vibration	X	
Shock	X	
Salt spray	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 extent of the changes.

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

MIL-DTL-2726/26
MIL-DTL-2726/27
MIL-E-24142/3
MIL-PRF-900
MIL-STD-108

CONCLUDING MATERIAL

Custodians:
Navy - SH
DLA - CC

Preparing activity
DLA - CC

(Project 5935-4714-000)

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>.