

INCH-POUND
MIL-DTL-2726/37G
20 September 2008
SUPERSEDING
MIL-DTL-2726/37F
1 November 2006

DETAIL SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, 15 - AMPERE, 125 - VOLT, 60 HERTZ,
BLADED TYPE, GROUNDED (SYMBOL NO. 1099.1)

Reactivated after 20 June 2004 and may be used for new
and existing designs and acquisitions.

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.

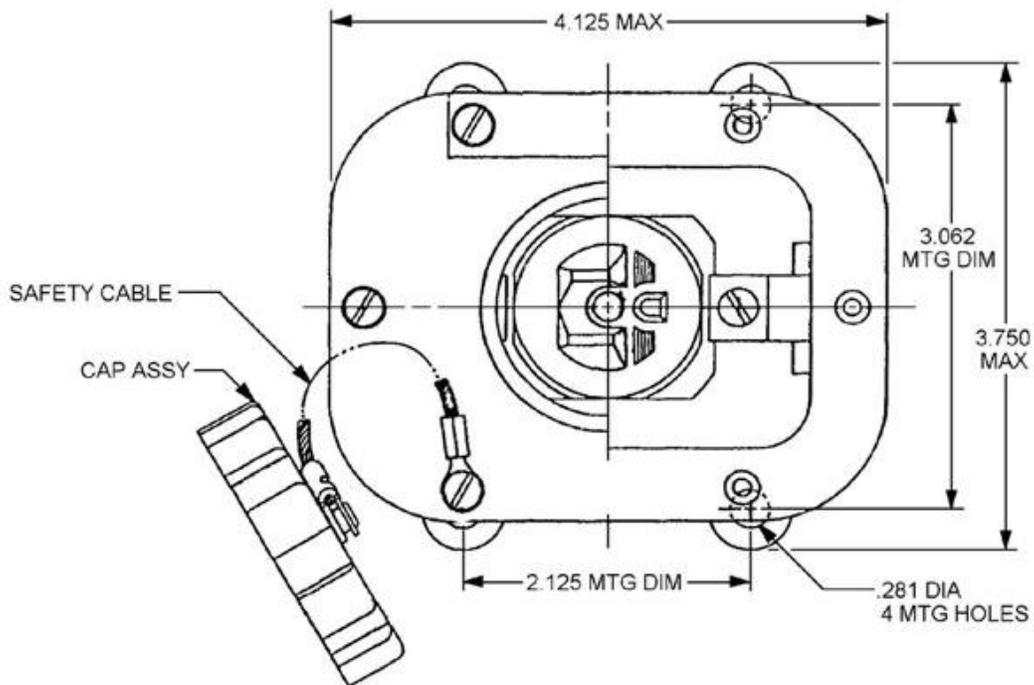
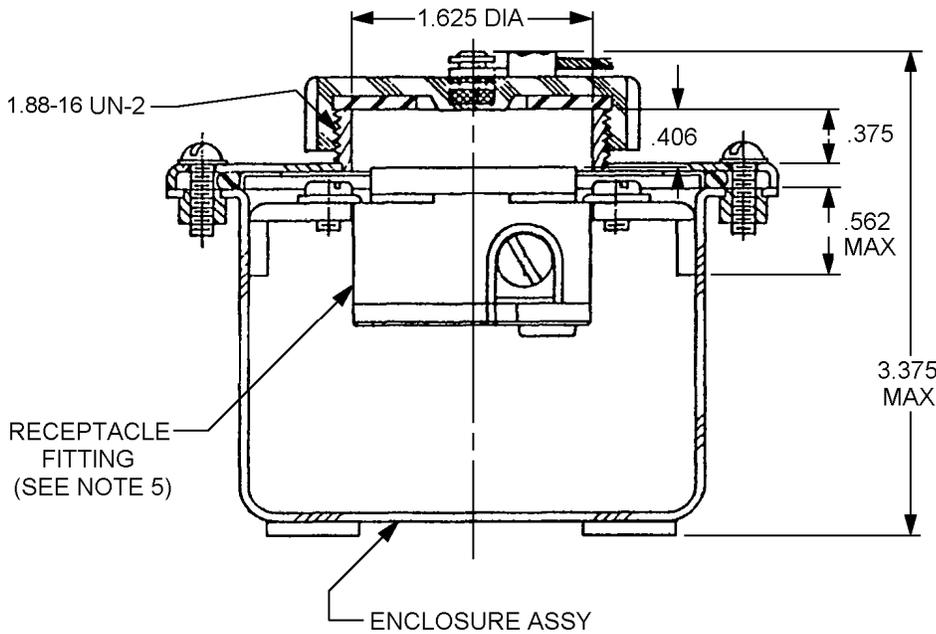


FIGURE 1. Dimensions and configurations.

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Inches	mm	Inches	mm
.001	0.02	1.125	28.57
.005	0.13	1.203	30.56
.016	0.41	1.250	31.57
.062	1.57	1.718	43.64
.109	2.77	1.906	48.41
.156	3.96	2.188	55.58
.201	5.10	2.250	57.15
.406	10.31	2.500	63.50
.438	11.13	3.500	88.90
.938	23.83		

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 9000-S6202-74456, symbol 1099.
5. Part or Identifying Number (PIN) M2726/37-001-1.

FIGURE 1. Dimensions and configurations – Continued.

REQUIREMENTS:

Dimensions and configuration: See figure 1.

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

Receptacle: Shall be in accordance with Industry No. 5284, except that the ground contact of the receptacle shall be nickel-plated.

Mating plug: MIL-DTL-2726/38, PIN M2726/38-001 (watertight) or plug in accordance with UL817, Standard for Cord Sets and Power-Supply Cords. Caution, evaluate UL817 for particular application.

Safety cable: Stainless steel aircraft cable vinyl covering with wire terminal .031 inch 3 X 7, barrel to suit OD of plastic covered wire. Crimp on both ends, copper or copper alloy construction of type WT to be pressed from one piece seamless tubing.

Enclosure assembly: MIL-E-24142/9, PIN M24142/9-001.

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Intended use: Shipboard, for electronic test equipment on radar platforms and open bridges and portable battery charging units. Watertight when secured (not in use). May be used with watertight or non-watertight plug.

PIN: M2726/37-001 – complete receptacle.
M2726/37-001-1 – receptacle fitting.

Cap assembly: Material shall be plastic or brass.

Verification

Verification shall be 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	Quality conformance
Examination	X	X
Endurance	X	
Ground contact resistance	X	X
Vibration	X	
Shock	X	
Salt spray	X	
Effectiveness of enclosure	X	X
Dielectric withstanding voltage	X	

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue

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

- MIL-DTL-2726/38
- MIL-E-24142/9
- MIL-STD-108
- UL817

CONCLUDING MATERIAL

Custodians:
Navy - SH
DLA - CC

Preparing activity
DLA - CC

(Project 5935-2008-143)

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>.