

**INCH-POUND**  
MIL-DTL-2726/56B  
31 August 2005  
SUPERSEDING  
MIL-R-2726/56A(SH)  
3 July 1986

DETAIL SPECIFICATION SHEET

RECEPTACLE, PLUG, ELECTRICAL, 4-POLE GROUNDED, 60-AMPERE,  
450-VOLT, 3-PHASE (SYMBOL NO. 1261)

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.

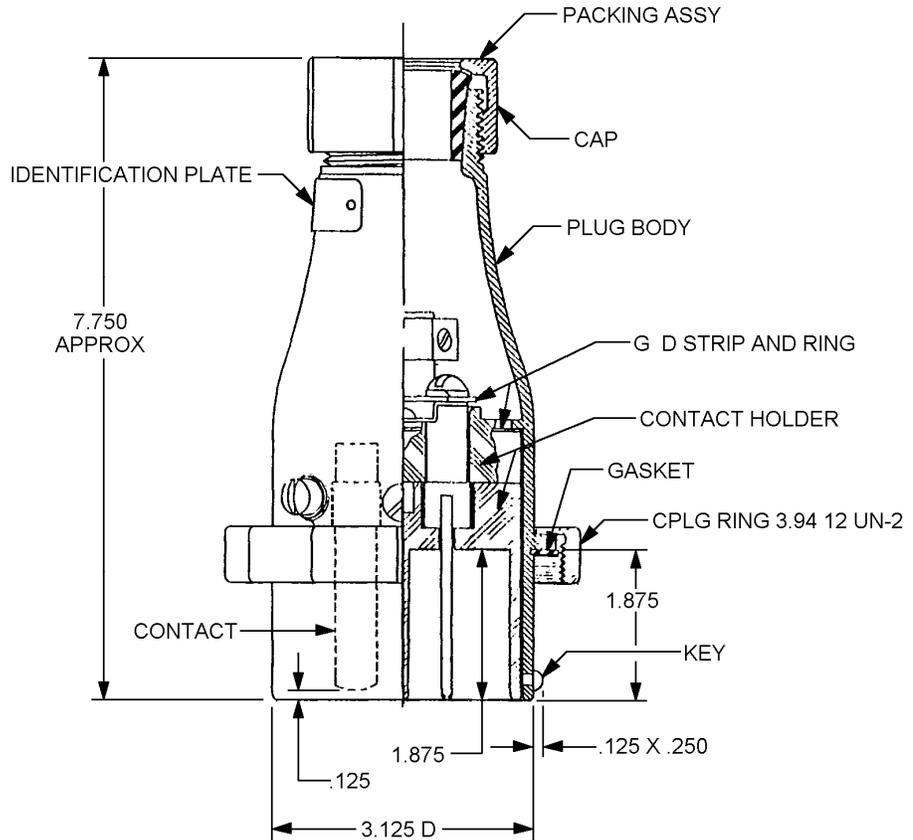
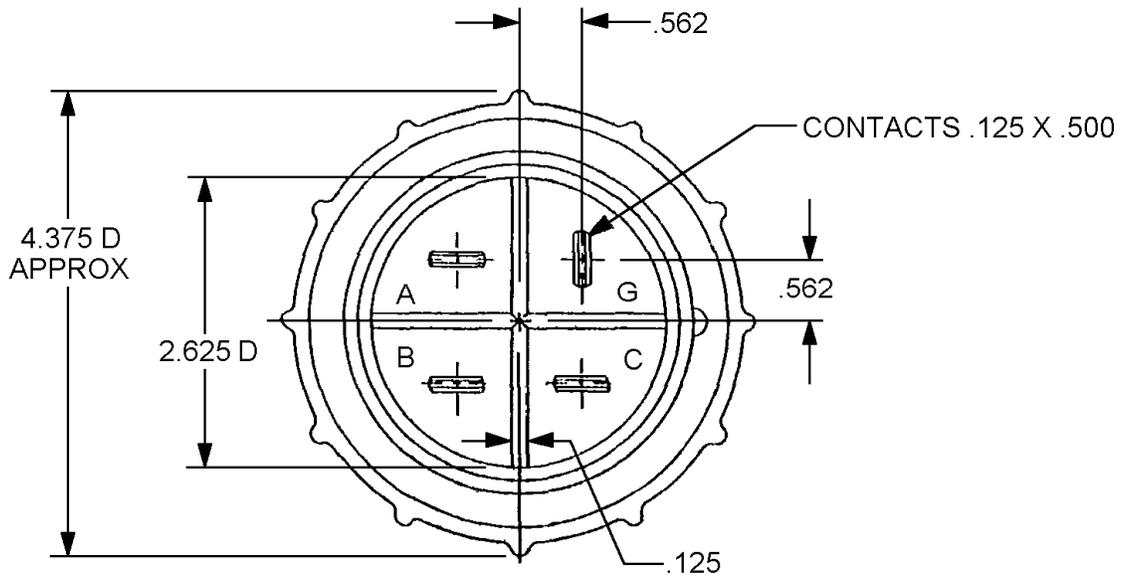


FIGURE 1. Dimensions and configurations.



Inches	mm
.125	3.18
.250	6.35
.500	12.70
.562	14.27
1.875	47.63
2.625	66.68
3.125	79.38
4.375	111.13
7.750	196.85

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.

MIL-DTL-2726/56B

REQUIREMENTS

Dimensions and configurations: See figures 1 and 2.

Effectiveness of enclosure: Watertight in accordance with MIL-STD-108 when coupled with mating receptacle.

Strain relief: 40 pounds.

Contact resistance: 75 millivolts measured between the ends of two 24-inch lengths of test cable properly connected to a test receptacle and the plug, respectively.

Material: Plug body, optional.

Contact holder: In accordance with type MAI-60 of ASTM-D5948.

Contact hardness: Minimum of Rockwell 45B.

Mating receptacle: MIL-DTL-2726/61, PIN: M2726/61-001.

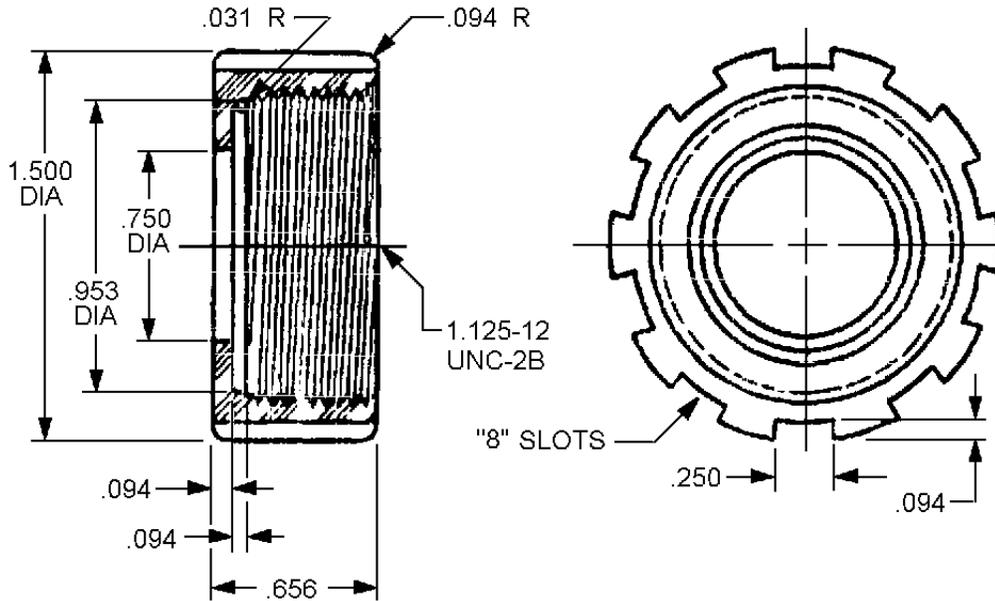
Test cable: Commercial, 4 conductor, AWG size 4 (259 by 25) 600 volt, type W.

Design: Enclosed terminal barriers shall be provided.

PIN: M2726/56-001.

Electrical rating: 60-ampere, 450-volt, alternating current, 60-hertz.

Cap: Shall be provided (see figure 2).



Inches	mm
.031	0.79
.094	2.39
.656	16.66
.750	19.05
.953	24.21
1.125	28.58
1.500	38.10

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are  $\pm .010$  (0.25mm) per linear inch, whichever is greater.
4. Angular dimensions are  $\pm 0^{\circ}30'$ .
5. Threads as specified in FED-STD-H28/2.
6. Marking Part or Identifying Number (PIN): M19622/10-0003 tube size and manufacturer's logo or name in .125 inch high raised letters on face of cup (see MIL-S-19622).

FIGURE 2. Plug insulation cap.

MIL-DTL-2726/56B

Packing assembly: MIL-S-19622/18, PIN M19622/18-018.

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	
Mechanical abuse	X	
Ball drop impact	X	
Strain relief	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.

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

- ASTM-D5948
- FED-STD-H28/2
- MIL-DTL-2726/61
- MIL-S-19622
- MIL-S-19622/18
- MIL-STD-108

MIL-DTL-2726/56B

CONCLUDING MATERIAL

Custodians:  
Army - CR  
DLA - CC  
Navy - SH

Preparing activity:  
DLA - CC

(Project 5935-4735-000)

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>.