

INCH-POUND
MIL-DTL-2726/28B
01 September 2006
SUPERSEDING
MIL-R-2726/28A(SH)
3 July 1986

DETAIL SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, 4 - POLE GROUNDED, 100 - AMPERE,
450 - VOLT, 3 - PHASE (SYMBOL NO. 1221)

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.

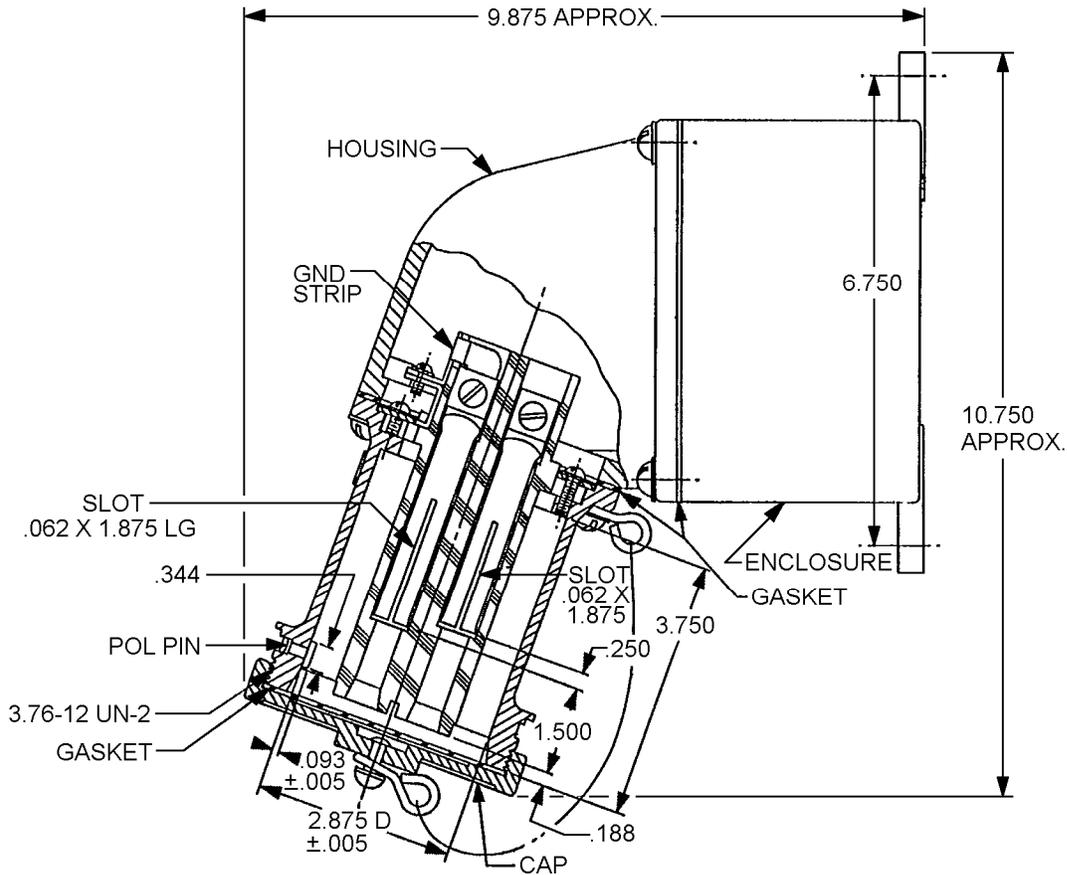
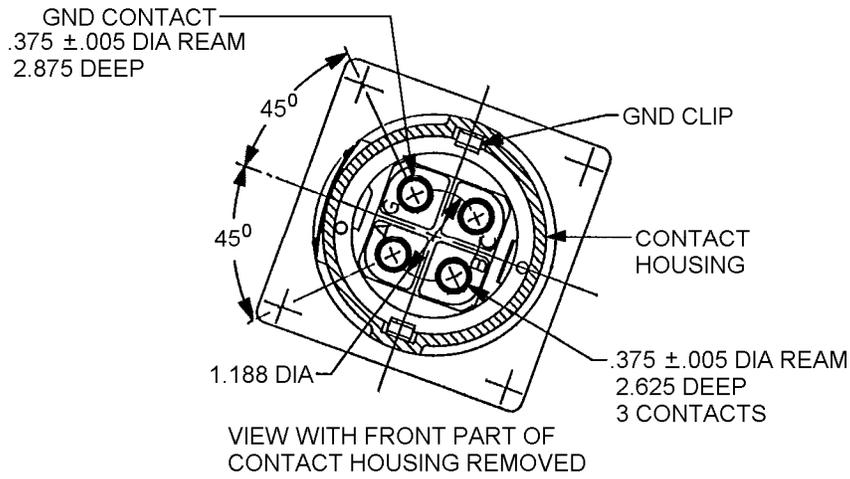
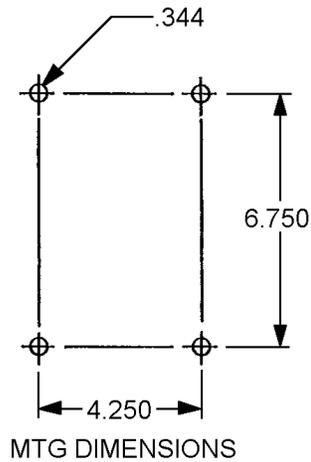


FIGURE 1. Dimensions and configurations.

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Inches	mm
.005	0.13
.062	1.57
.093	2.36
.188	4.77
.250	6.35
.344	8.74
.375	9.52
1.188	30.17
1.500	38.10
1.875	74.62
2.625	66.67
2.875	73.02
3.750	95.25
4.250	107.95
6.750	171.45
9.875	250.82
10.750	273.05



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 $\pm .5^\circ$ on angles.

FIGURE 1. Dimensions and configurations - Continued.

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REQUIREMENTS

Dimensions and configurations: See figure 1.

Contact resistance: 100 millivolts. Measured between the end of two 24 inch lengths of test cable properly connected to a test plug and the receptacle, respectively.

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

Contact hardness: Minimum of Rockwell 45B.

Mating plug: MIL-DTL-2726/29, Part or Identifying Number (PIN) M2726/29-001.

Test cable: Commercial, 4 conductor, size 1 (133 by 22), 660-volt, type W.

Design: Enclosure and housing design optional - polyamide (nylon) or metal.
Enclosed terminal barriers and a ground clip shall be provided.

PIN: M2726/28-001.

Electrical rating: 100-ampere, 450-volt, alternating current, 60 hertz.

Cap for maintaining watertight integrity shall be furnished.

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
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 extent of the changes.

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

MIL-DTL-2726/29
MIL-STD-108

CONCLUDING MATERIAL

Custodians:
Navy - SH
DLA - CC

Preparing activity
DLA - CC

(Project 5935-4709-000)

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>.