

INCH-POUND  
MIL-DTL-2726/16B  
01 September 2006  
SUPERSEDING  
MIL-R-2726/16A(SH)  
3 July 1986

DETAIL SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, ENCLOSED, 4 - PIN GROUNDED,  
40 - AMPERE, 450 - VOLT, ALTERNATING CURRENT  
(SYMBOL NOS. 1147.1, 1147.2 AND 1147.3)

Inactive for new design as of 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.

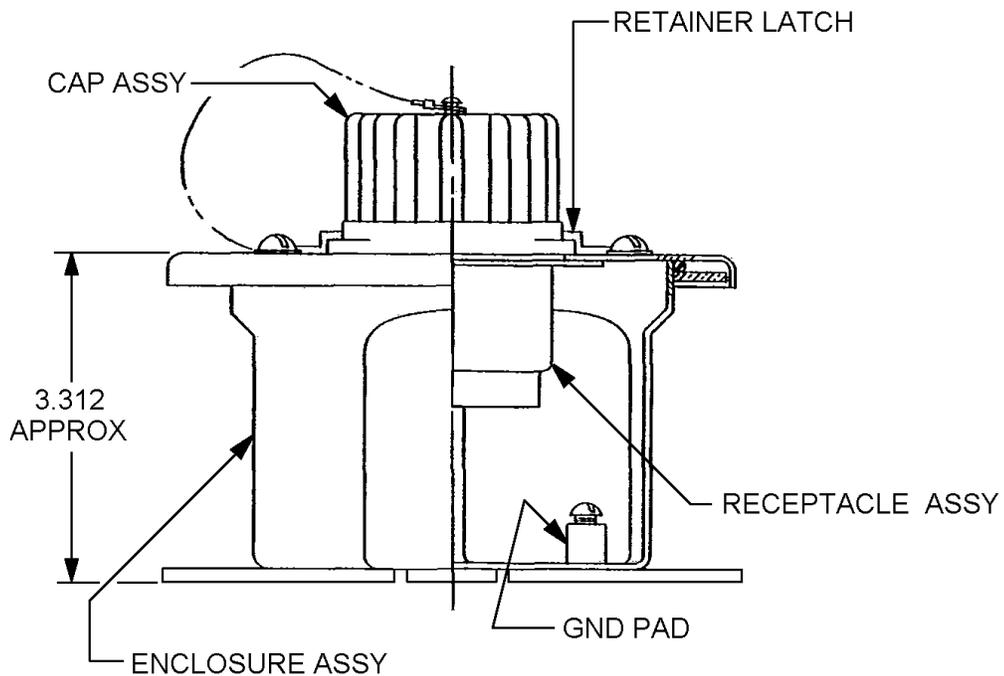


FIGURE 1. Receptacle (symbol 1147.1 shown).

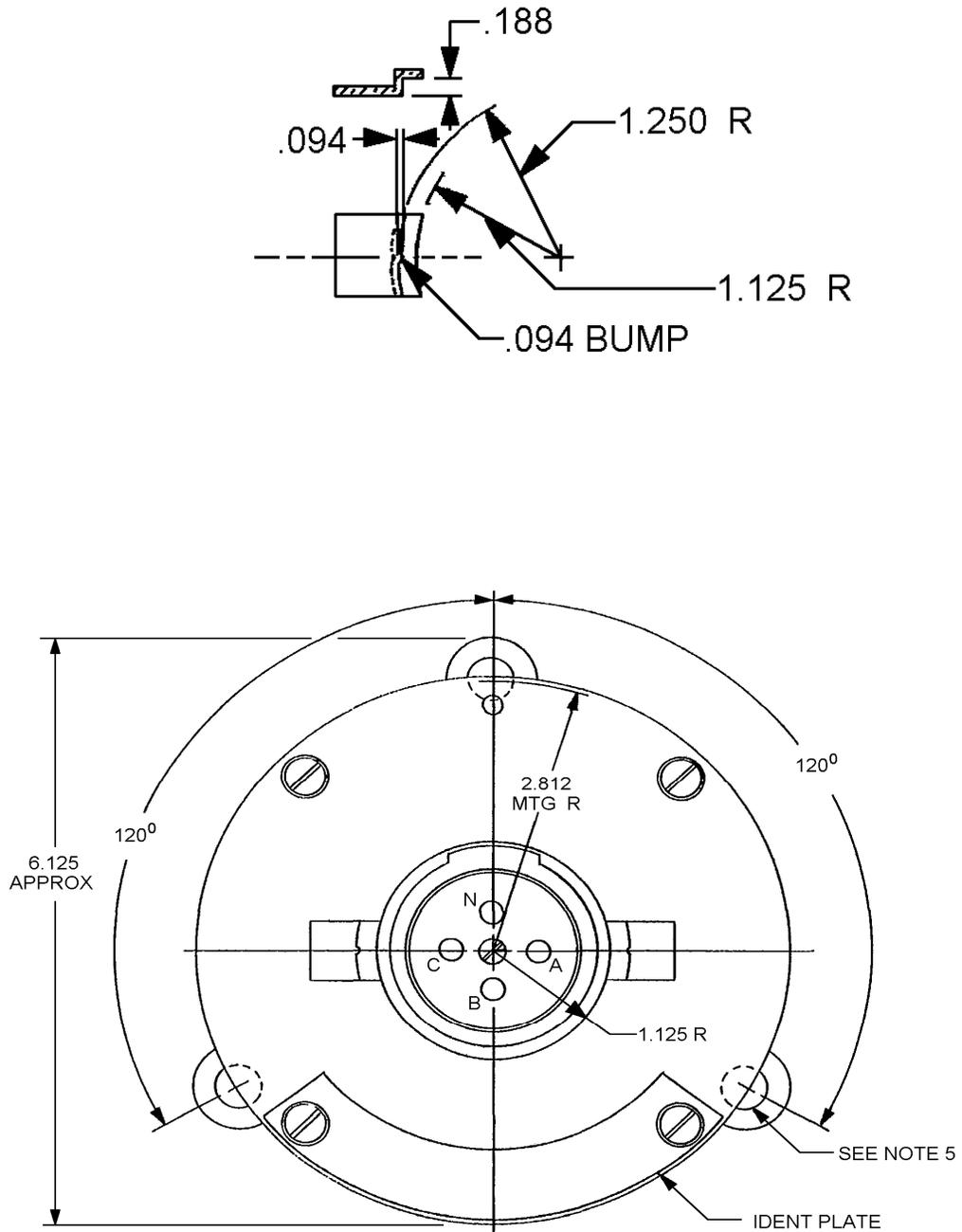
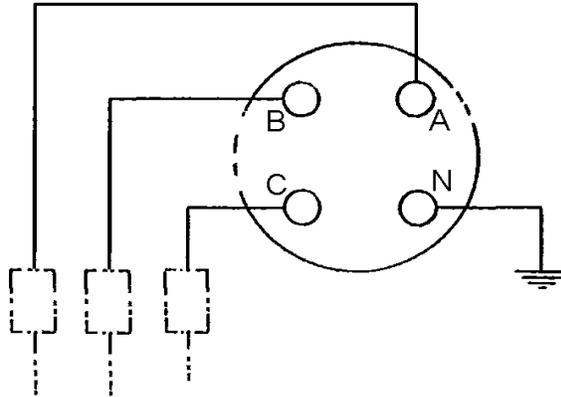


FIGURE 1. Receptacle (symbol 1147.1 shown) – Continued.



WIRING DIAGRAM

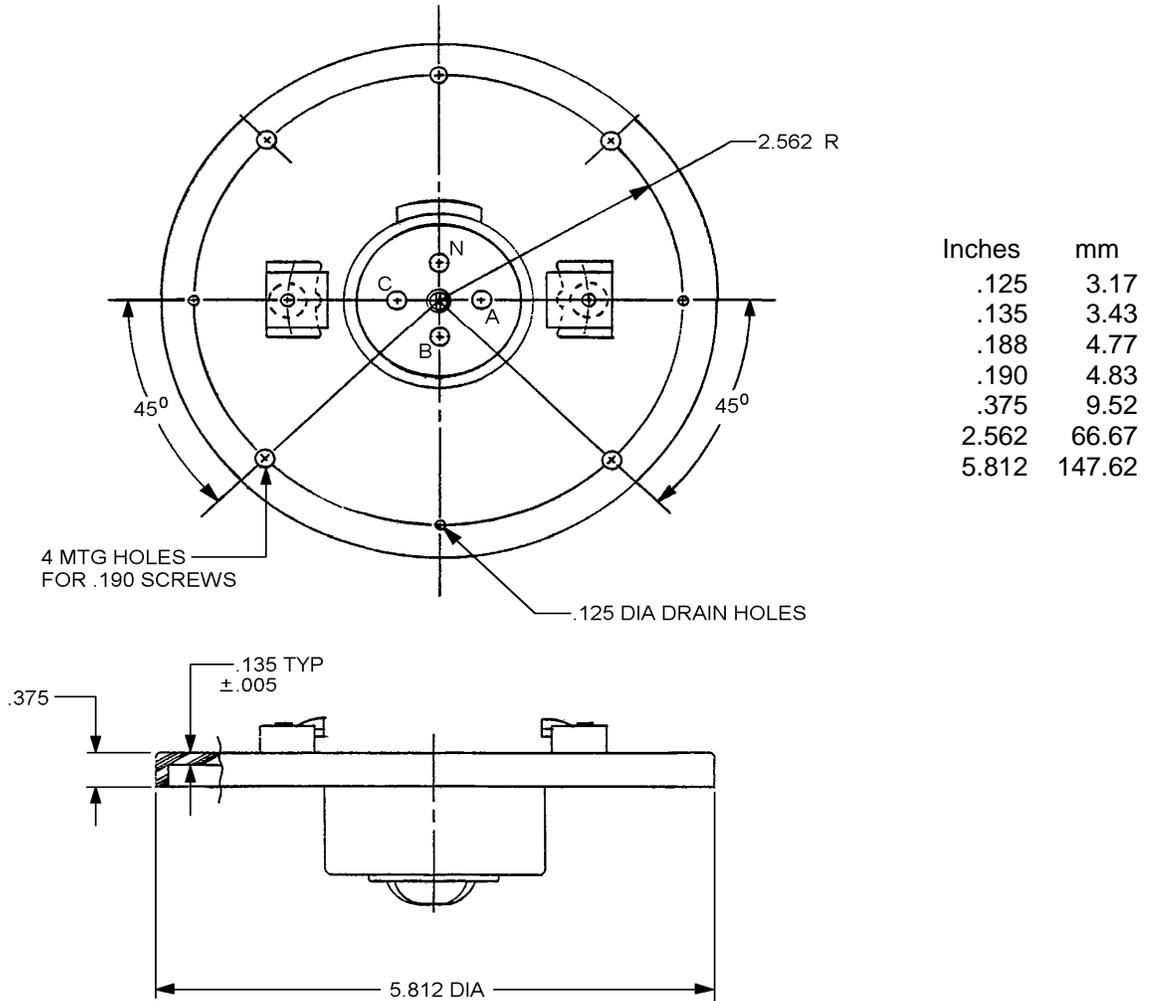
Inches	mm
.094	2.39
.188	4.77
.38	9.6
1.125	28.57
1.250	31.75
2.812	71.42
3.312	84.12
6.125	155.57

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.
4. Supersedes: Drawing 815 -1197213, symbol 1147.
5. Mounting bolt: .38 - 16 HEX HD.

FIGURE 1. Receptacle (symbol 1147.1 shown) – Continued.

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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.
4. Optional molded plastic receptacle.

FIGURE 2. Cover and receptacle integral (plastic).

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REQUIREMENTS

Dimensions and configurations: See figures 1 and 2.

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

Enclosure assembly: See table I.

Receptacle assembly: See table I.

Cap assembly: MIL-DTL-2726/13, Part or Identifying Number (PIN) M2726/13-001.

Material: For symbol number 1147.3, the box shall be molded plastic, in accordance with ASTM-D5948 type MAI-60, (see table I).

Mating plug: MIL-DTL-2726/3, PIN M2726/3-001.

Electrical rating: 40-ampere, 450-volt, alternating current, 60-hertz.

PIN: See table I.

TABLE I. Assembly parts.

PIN	Symbol number	Box	Cover	Receptacle unit
M2726/16-001	1147.1	M24142/5-002 (metal)	M24142/5-002 (metal)	M2726/9-001 (metal housing)
M2726/16-002	1147.2	M24142/5-002 (metal)	M24142/5-002 (metal)	M2726/9-002 (plastic)
M2726/16-003	1147.3	Molded plastic (see ASTM-D5948 MAI-60)	(see ASTM-D5948 MAI-60)	M2726/9-002 (integral with cover)
M2726/16-004	-----	-----	-----	See figure 2

VERIFICATION

Verification shall be as specified in MIL-DTL-2726 and table II herein. The first article and conformance inspections shall consist of the inspections as specified in table II, in the order shown.

TABLE II. First article and quality conformance inspection.

Inspection	First article	Conformance
Examination	X	X
Vibration	X	
Shock	X	
Salt spray	X	
Effectiveness of enclosure	X	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:

- ASTM-D5948
- MIL-DTL-2726/3
- MIL-DTL-2726/13
- MIL-STD-108

CONCLUDING MATERIAL

Custodians:  
 Navy - SH  
 DLA - CC

Preparing activity  
 DLA - CC

(Project 5935-4617-013)

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>.