

INCH-POUND

MIL-DTL-2726/16B
w/AMENDMENT 1
21 September 2022
SUPERSEDING
MIL-DTL-2726/16B
01 September 2006

DETAIL SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, ENCLOSED, 3 - PIN GROUNDED,
40 - AMPERE, 450 - VOLT, ALTERNATING CURRENT
(SYMBOL NUMBERS 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.

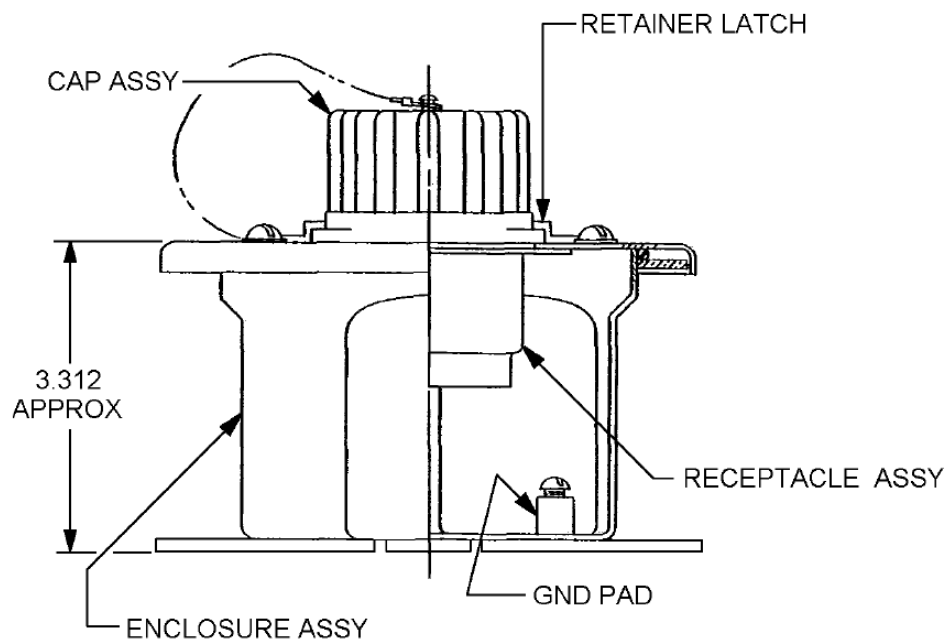


FIGURE 1. Receptacle (symbol 1147.1 shown).



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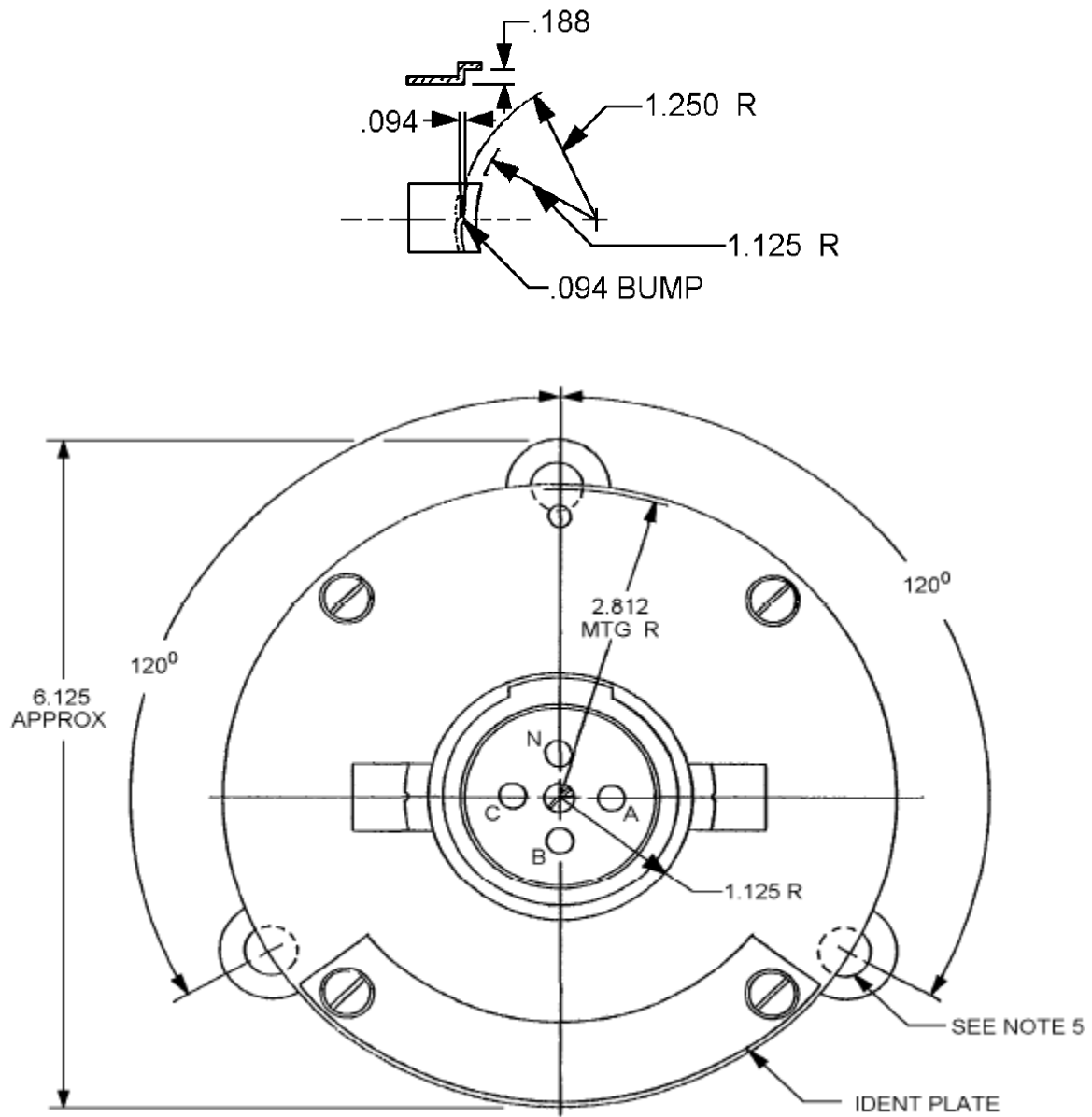
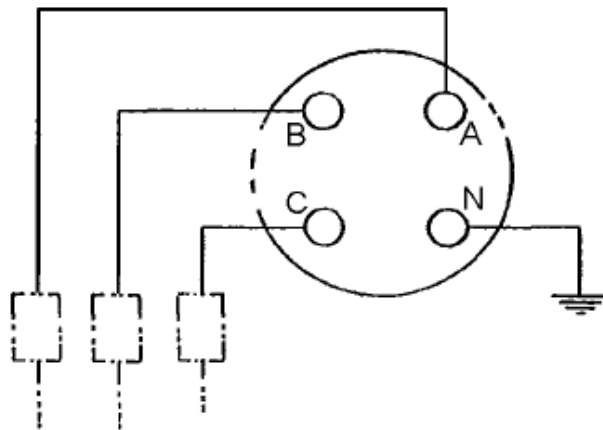


FIGURE 1. Receptacle (symbol 1147.1 shown) – Continued.

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WIRING DIAGRAM

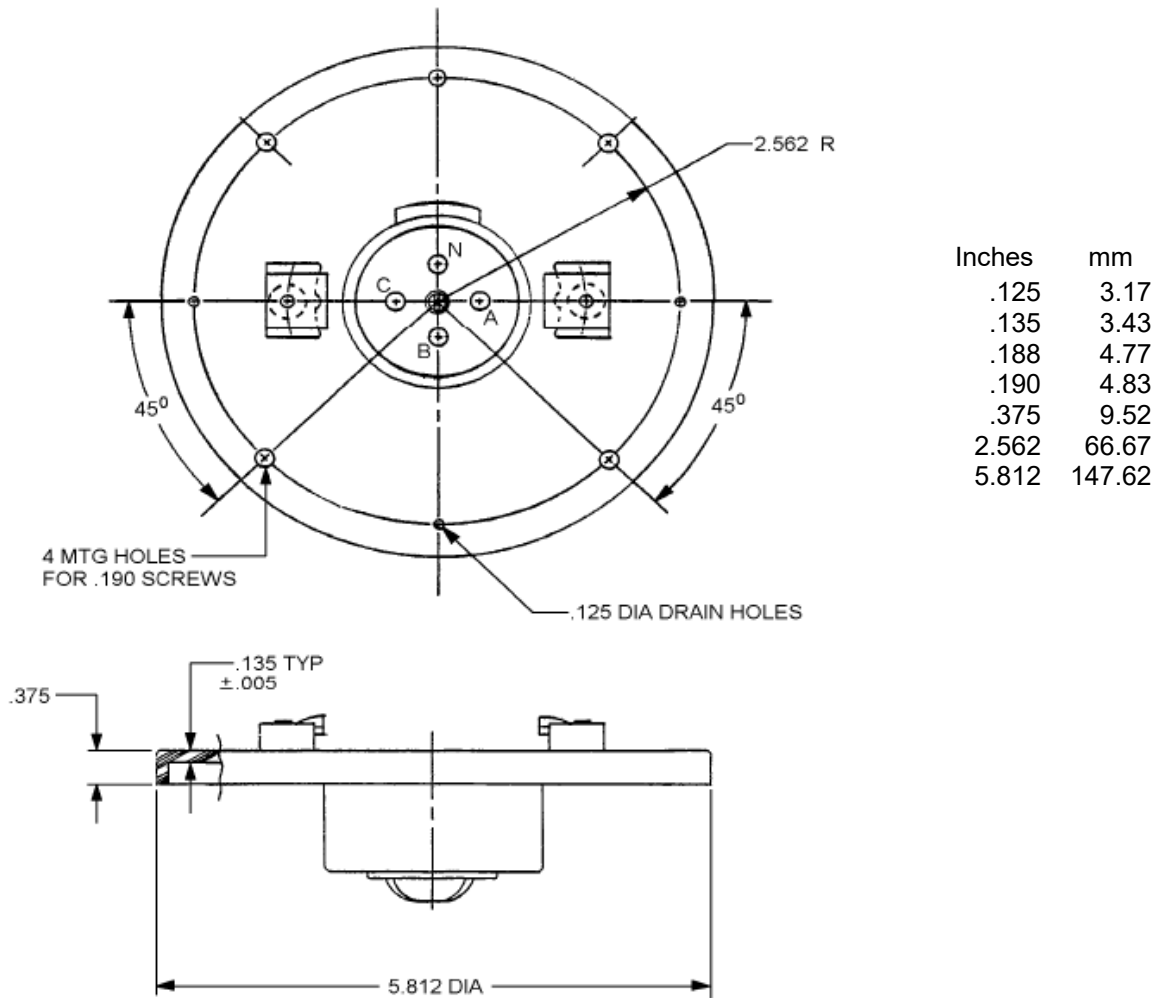
Inches	mm
.094	2.39
.188	4.77
.38	9.6
1.125	28.57
1.250	31.75
2.812	71.42
3.312	84.12
6.125	155.57

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerances are $\pm .016$ (0.41mm) and $\pm .5^\circ$ on angles.
3. Supersedes: Drawing 815 -1197213, symbol 1147.
4. 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. Unless otherwise specified, tolerances are $\pm .016$ (0.41mm) and $\pm .5^\circ$ on angles.
3. Optional molded plastic receptacle (SAME AS FIGURE 1, EXCEPT AS SHOWN).

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 type MAI-60 of ASTM-D5948 (see table I).

Mating plug: MIL-DTL-2726/3, PIN M2726/3-001 (not furnished).

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

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

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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 5935-2022-194)

NOTES: 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 <https://assist.dla.mil>.