

INCH-POUND
MIL-DTL-2726/15C
01 September 2006
SUPERSEDING
MIL-R-2726/15B(SH)
3 July 1986

DETAIL SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, ENCLOSED, 3 - PIN GROUNDED,
50 - AMPERE, 250-VOLT, DIRECT CURRENT
(SYMBOL NOS. 1146.1, 1146.2 AND 1146.3)

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.

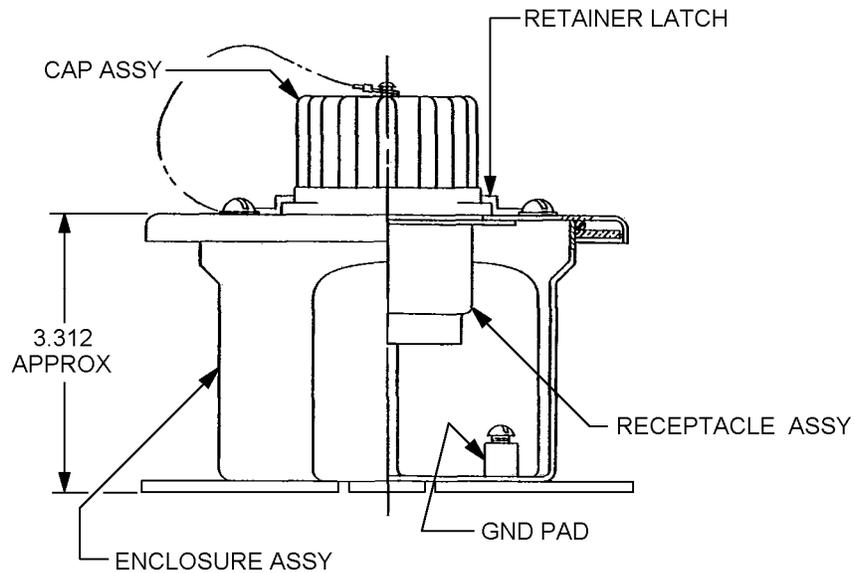


FIGURE 1. Receptacle (symbol 1146.1 shown).

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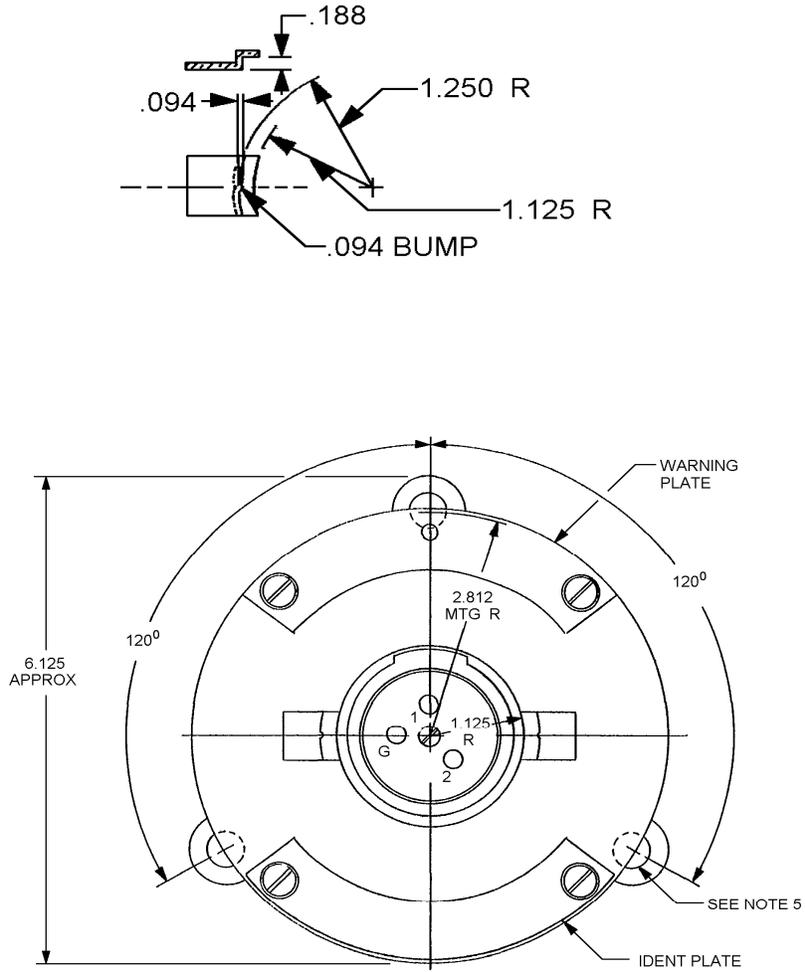
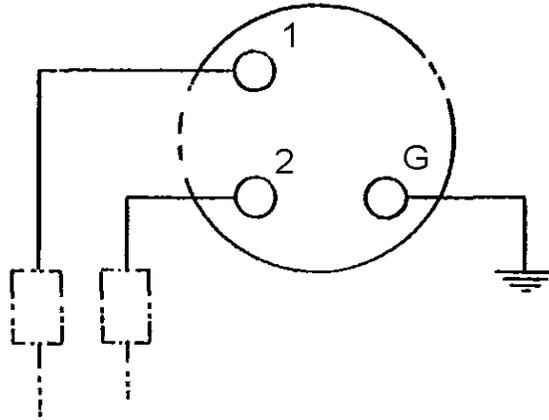


FIGURE 1. Receptacle (symbol 1146.1 shown) – Continued.



WIRING DIAGRAM

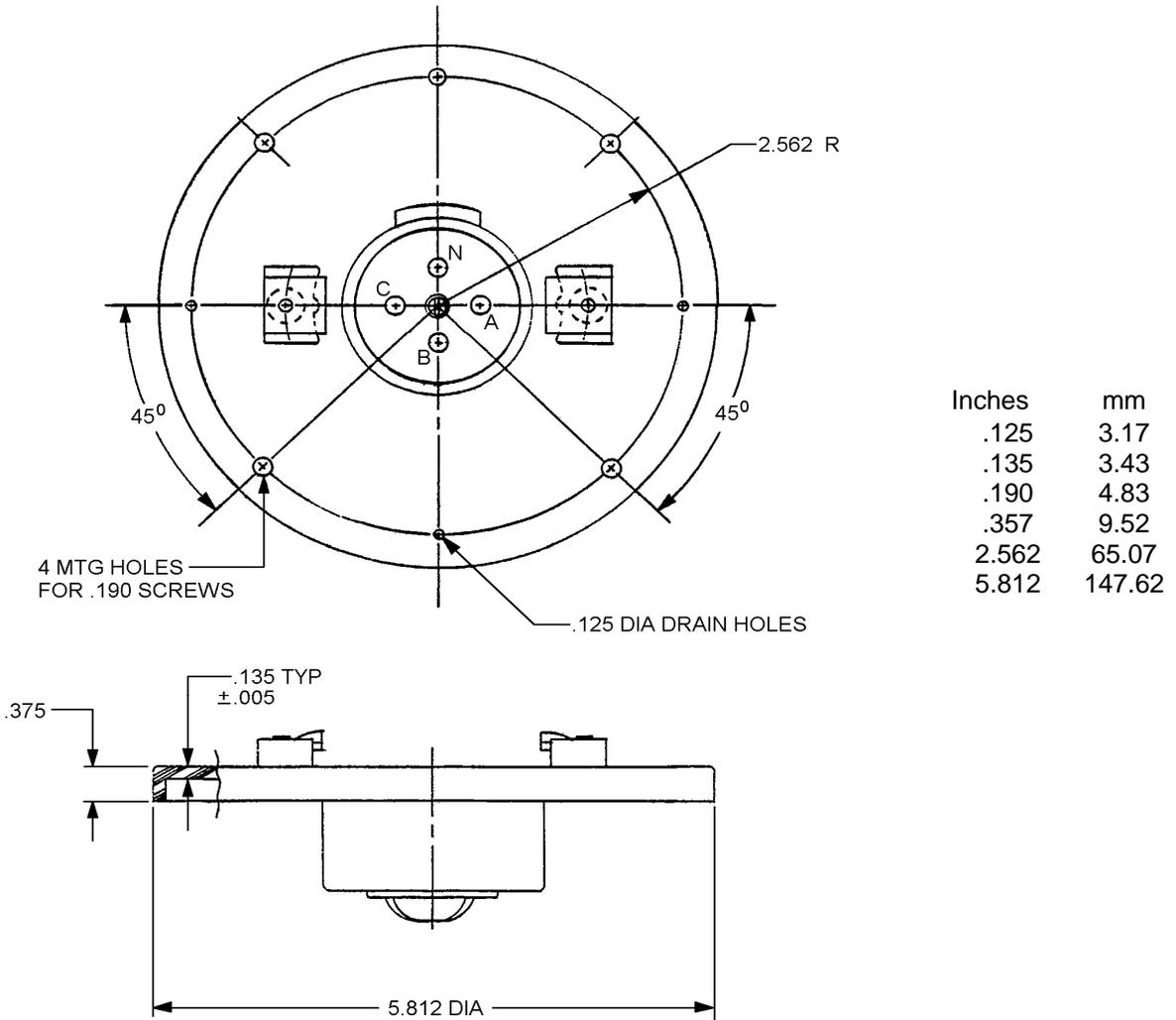
Inches	mm
.094	2.39
.188	4.77
.38	9.6
1.125	28.57
1.250	31.75
2.938	74.62
3.312	84.12
6.125	155.57

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 815-1197312, symbol 1146.
5. Mounting bolts: .38 - 16 HEX HD.

FIGURE 1. Receptacle (symbol 1146.1 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 $\pm .5^\circ$ degree on angles.

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 unit: See table I.

Material: For symbol number 1146.3, box and cover with receptacle unit, integral, shall be of molded plastic in accordance with ASTM-D5948 type MAI-60.

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

Mating plug: MIL-DTL-2726/2, PIN M2726/2 - 001.

Electrical rating: 50 ampere, 250 volt, direct current.

PIN: See table I.

TABLE I. Assembly parts.

PIN	Symbol number	Box	Cover	Receptacle unit
M2726/15-001	1146.1	M24142/5-002 (metal)	M24142/5-002 (metal)	M2726/8-001 (metal housing)
M2726/15-002	1146.2	M24142/5-002 (metal)	M24142/5-002 (metal)	M2726/8-002 (plastic)
M2726/15-003	1146.3	Molded plastic (see ASTM-D5948, MAI-60)	(see ASTM-D5948, MAI-60)	M2726/18-002 (integral with cover)
M2726/15-004	———	———	———	See figure 2

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 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-2726/2
- MIL-DTL-2726/13
- MIL-STD-108

CONCLUDING MATERIAL

Custodians:
 Navy - SH
 DLA - CC

Preparing activity
 DLA - CC

(Project 5935-4617-012)

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>.