

INCH-POUND
MIL DTL-2726/23B
01 September 2006
SUPERSEDING
MIL-R-2726/23A(SH)
3 July 1986

DETAIL SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, ENCLOSED, 100 - AMPERE, 250 - VOLT,
DIRECT CURRENT, BULKHEAD MOUNTED (SYMBOL NO. 726.1)

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.

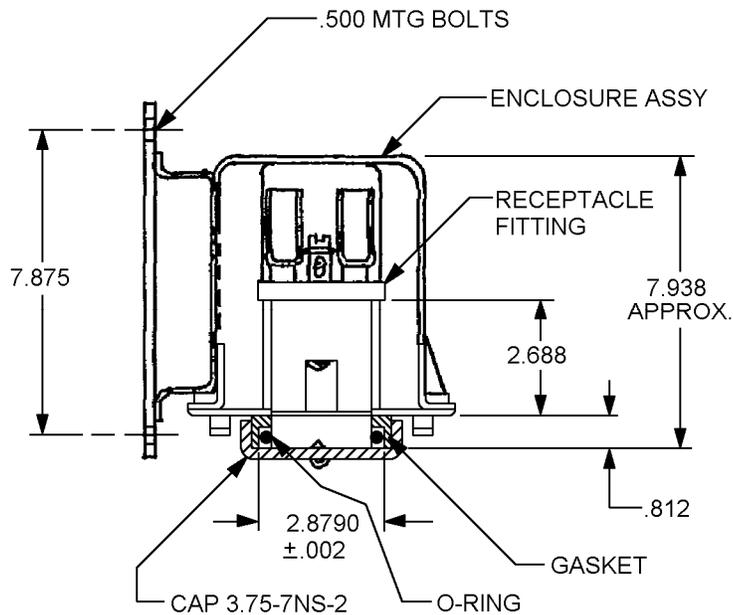
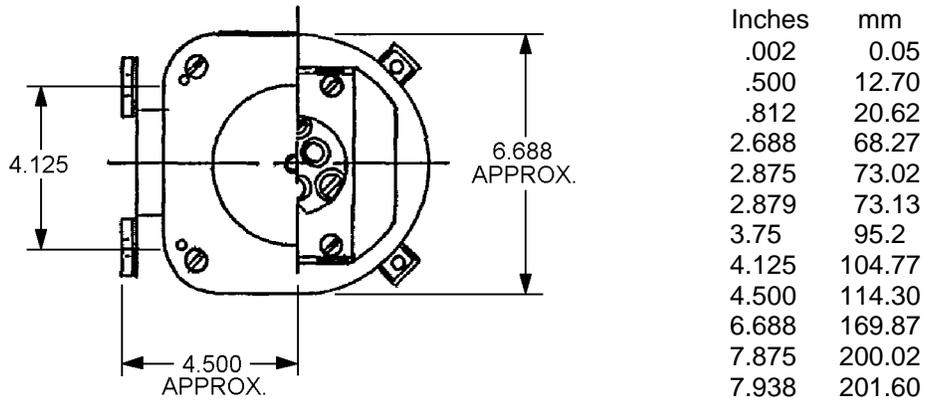


FIGURE 1. Receptacle enclosed.

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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).
4. Supersedes: Drawing 900-S6202-73966, symbol 726.
5. Part or Identifying Number (PIN) M2726/23-001 used for replacement only.

FIGURE 1. Receptacle enclosed - Continued.

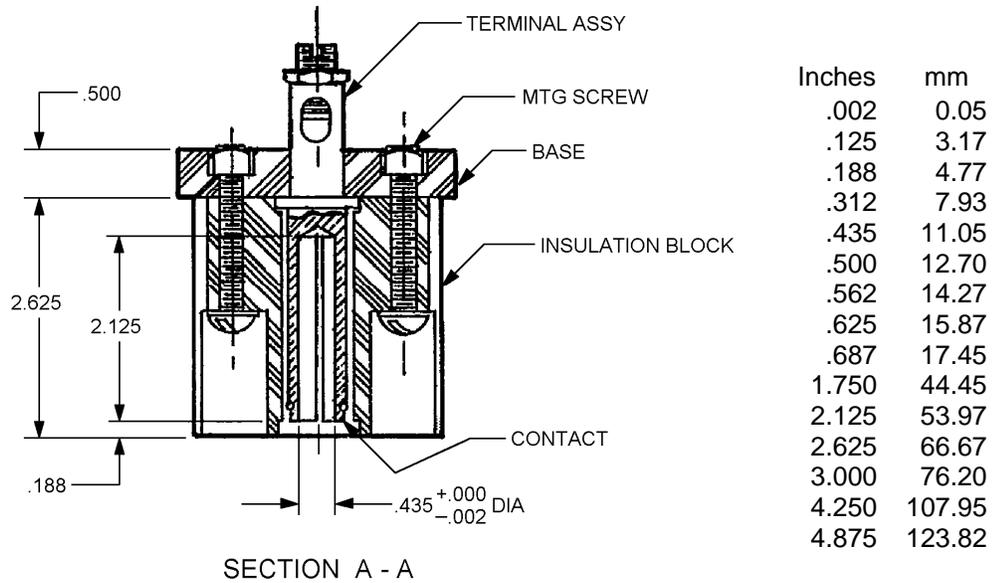
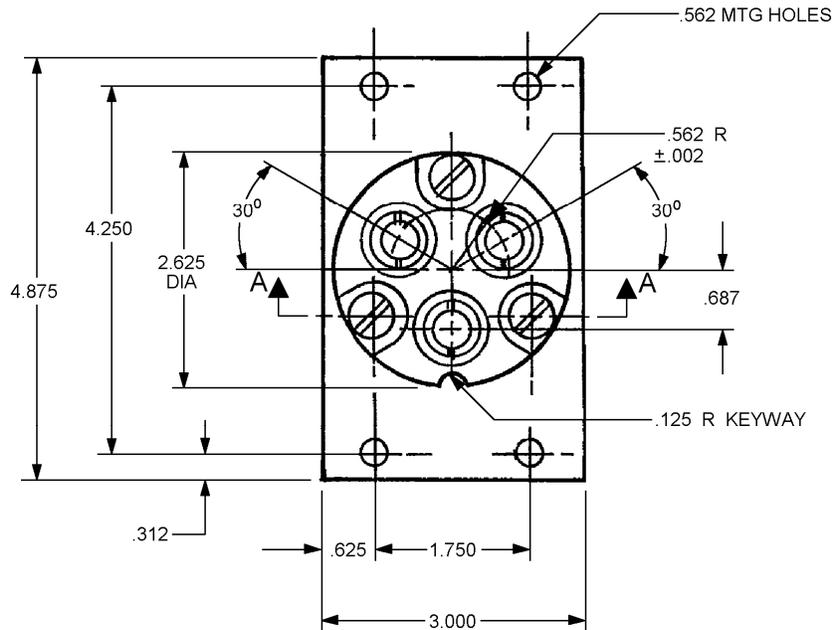


FIGURE 2. Receptacle fitting.

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NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. PIN: M2726/23-002 unless otherwise specified, tolerances are $\pm .016$ (0.41mm).

FIGURE 2. Receptacle fitting - Continued.

REQUIREMENTS

Dimensions and configurations: See figures 1 and 2.

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

Contact hardness: Minimum of Rockwell 60B.

Mating plug: MIL-DTL-2726/46, PIN: M2726/46-001.

Gasket: Rubber in accordance with MIL-PRF-900.

O-RING: As specified in SAE-AS28775.

Cap: Brass.

Enclosure assembly: Steel.

Base: In accordance with MIL-I-24768/1 type GME.

Insulation block: In accordance with ASTM-D5948 type MAI-60.

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Electrical rating: 100-ampere, 250-volt, direct current.

PIN: M2726/23-001 (assembly), M2726/23-002 (receptacle fitting).

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
Current load	X	
Endurance	X	
Salt spray	X	
Contact resistance	X	
Vibration	X	
Shock	X	
Effectiveness of enclosure	X	X
Dielectric withstanding voltage	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-I-24768/1
- MIL-PRF-900
- MIL-DTL-2726/46
- MIL-STD-108
- SAE-AS28775

CONCLUDING MATERIAL

Custodians:
Navy - SH
DLA - CC

Preparing activity
DLA - CC

(Project 5935-4617-016)

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>.