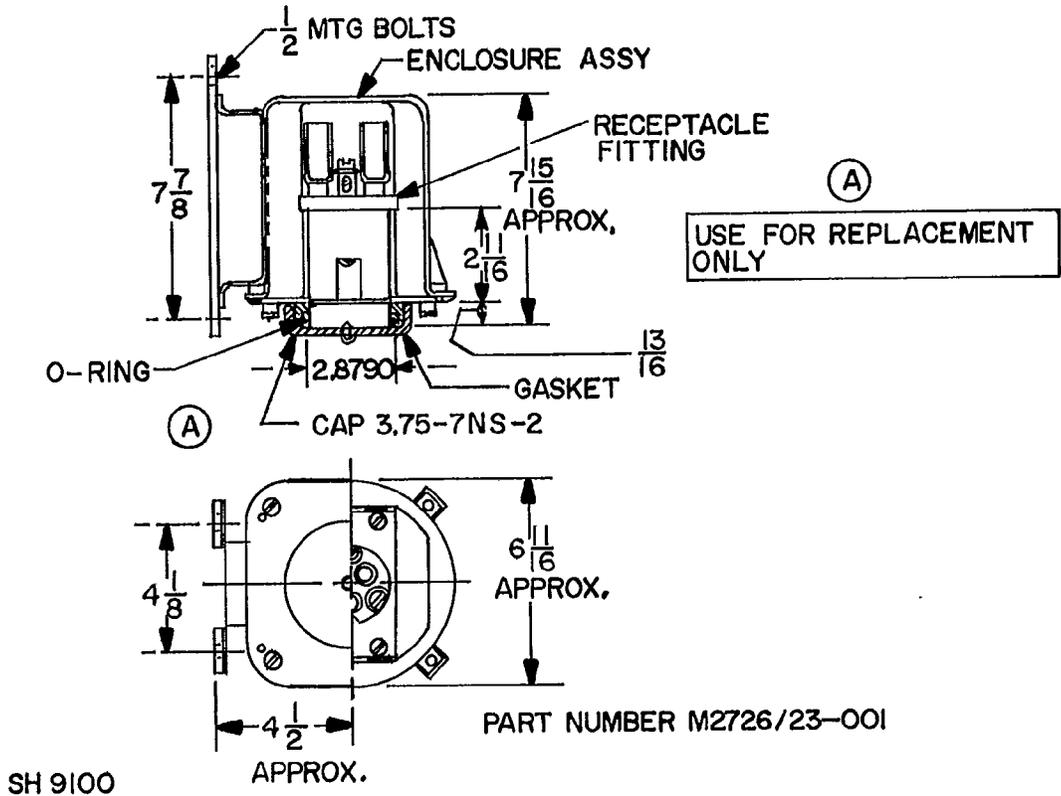


MILITARY SPECIFICATION SHEET

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

- Ⓐ This specification is approved for use within the Naval Sea Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.
- Ⓐ The requirements for acquiring the receptacle described herein shall consist of this specification and the latest issue of MIL-R-2726.

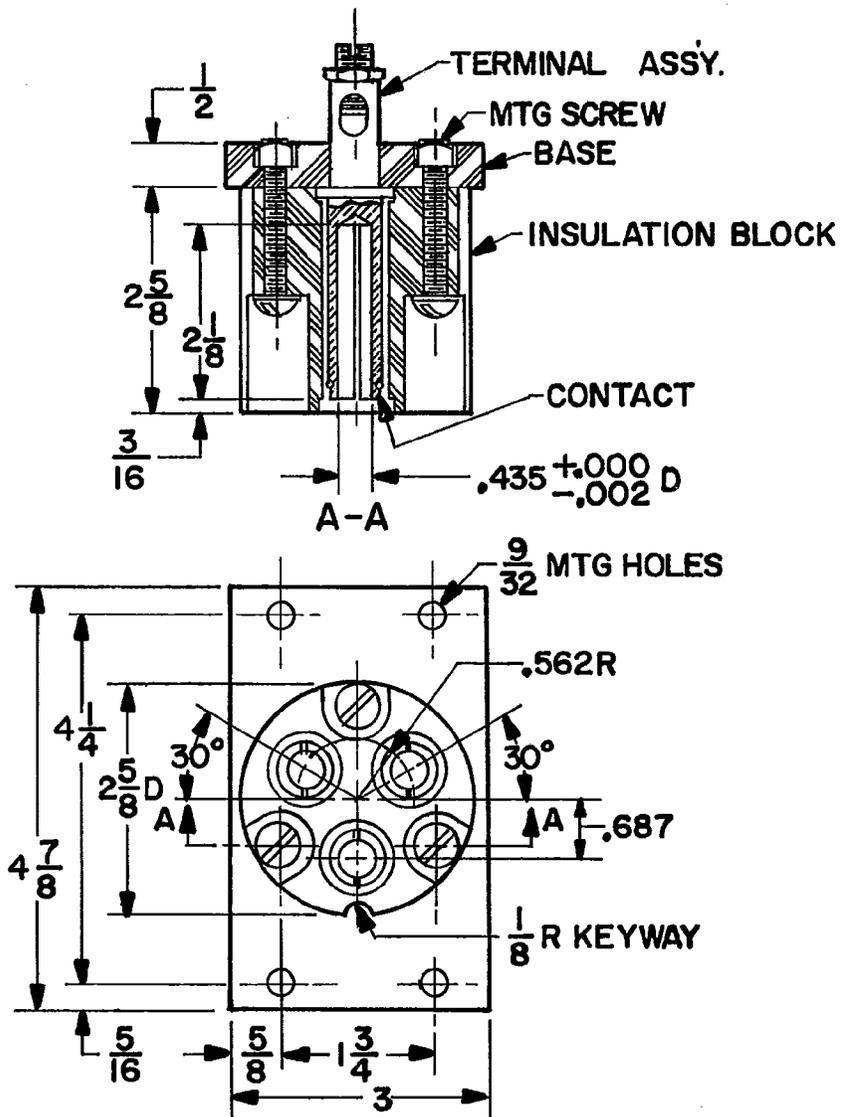
Ⓐ denotes changes.



NOTES:

1. Dimensions are in inches. Unless otherwise specified, tolerances are  $\pm 1/64$  inch for fractions and  $\pm 0.002$  inch for decimals. Angular tolerance is  $\pm 1/2$  degree.
2. Supersedes: Drawing 9000-S6202-73966, symbol 726.

FIGURE 1. Receptacle enclosed.



PART NUMBER M2726/23-002

SH 9101

FIGURE 2. Receptacle fitting.

## REQUIREMENTS:

1. Dimensions and configurations: See figures 1 and 2.
2. Effectiveness of enclosure: Watertight in accordance with MIL-STD-108.
3. Contact hardness: Minimum of Rockwell 60B.
- ④ 4. Mating plug: MIL-R-2726/46, part number M2726/46-001 (not furnished).
5. Gasket: Rubber in accordance with MIL-R-900.
- ④ 6. O-ring: MS 28775-336.
7. Cap: Brass.
8. Enclosure assembly: Steel.
9. Base: In accordance with type GME of MIL-P-15037.
- ④ 10. Insulation block: Type MAI-60 in accordance with MIL-M-14.
- ④ 11. Electrical rating: 100-ampere, 250-volt, direct current.
- ④ 12. Part number: M2726/23-001 (assembly)  
M2726/23-002 (receptacle fitting).

## ④ QUALITY ASSURANCE:

Quality assurance shall be as specified in MIL-R-2726 and table I herein. The first article and quality 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	Requirement	Test method	First article	Quality conformance
Examination	3.1, 3.3, 3.4, 3.5, 3.6 and 3.7	4.6.1	X	X
Insulation resistance	3.5.1	4.7.1	X	X
Dielectric withstanding voltage	3.5.2	4.7.2	X	X
Contact resistance	3.5.3.1	4.7.3.1	X	X
Current load	3.5.12	4.7.12	X	
Endurance	3.5.5	4.7.5	X	
Salt spray	3.5.11	4.7.11	X	
Contact resistance	3.5.3.1	4.7.3.1	X	
Vibration	3.5.9	4.7.9	X	
Shock	3.5.10	4.7.10	X	
Effectiveness of enclosure	3.5.4	4.7.4	X	X
Dielectric withstanding voltage	3.5.2	4.7.2	X	

Preparing activity:  
Navy - SH  
(Project 5935-N255-24)