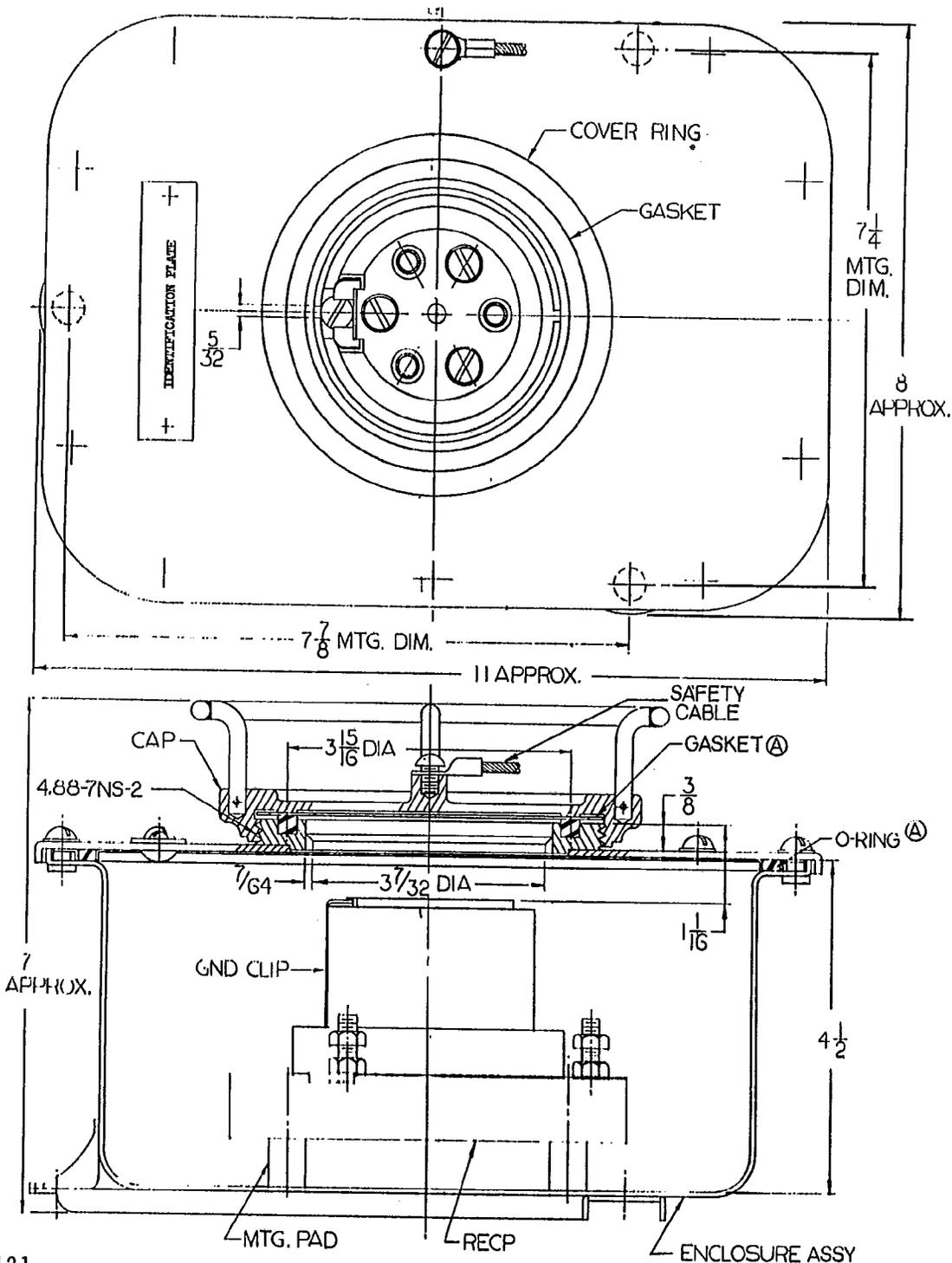


MILITARY SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, ENCLOSED, 60-AMPERE, 500-VOLT,  
3-PHASE, GROUNDED (SYMBOL NO. 746.2)

- Ⓐ 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.



SH 9121

NOTES:

1. Dimensions are in inches. Unless otherwise specified, tolerances are  $\pm 1/64$  inch for fractions.
2. Supersedes: Drawing 9-S-5427L, symbol 746.

FIGURE 1. Dimensions and configuration.

## REQUIREMENTS:

- (A) 1. Dimensions and configuration: See figure 1.  
 2. Enclosure: In accordance with MIL-E-24142/3, part number M24142/3-001.  
 3. Effectiveness of enclosure: Submersible (15-foot) in accordance with MIL-STD-108.  
 4. Receptacle: MIL-R-2726/27, part number M2726/27-002.  
 5. Mating plug: MIL-R-2726/26, part number M2726/26-001 (not furnished).  
 6. Part number: M2726/42-001.  
 7. Gasket: In accordance with MIL-R-900, except that the hardness shall be durometer 65.  
 8. Electrical rating: 60-ampere, 500-volt, alternating current, 60-hertz.

## (A) 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
Vibration	3.5.9	4.7.9	X	
Shock	3.5.10	4.7.10	X	
Salt spray	3.5.11	4.7.11	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-N255-43)