

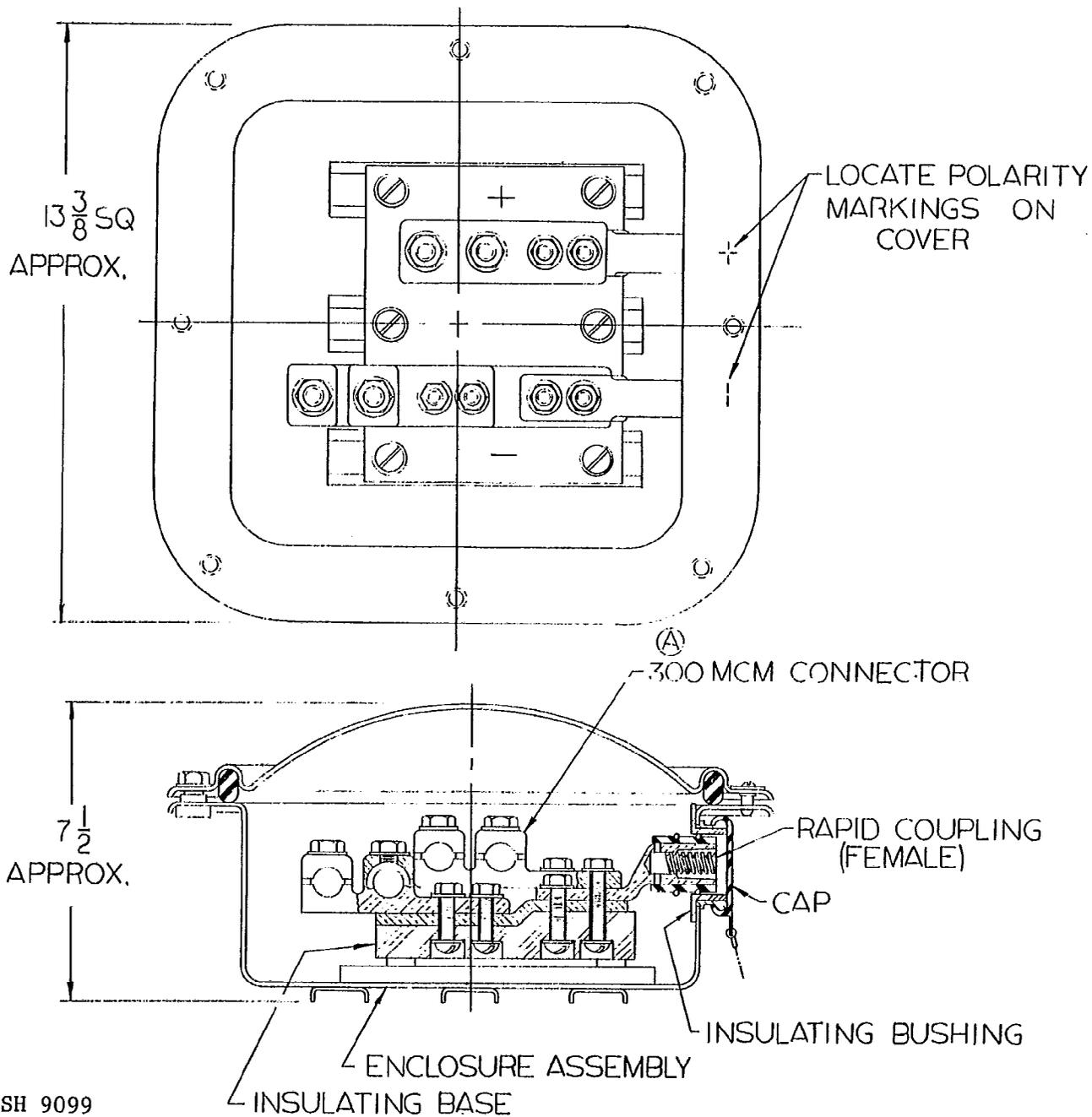
MILITARY SPECIFICATION SHEET

Ⓐ RECEPTACLE, OUTLET, ELECTRICAL, WELDING, 200-AMPERE,  
DIRECT CURRENT, CONSTANT POTENTIAL (SYMBOL NO. 770.2)

Ⓐ 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.

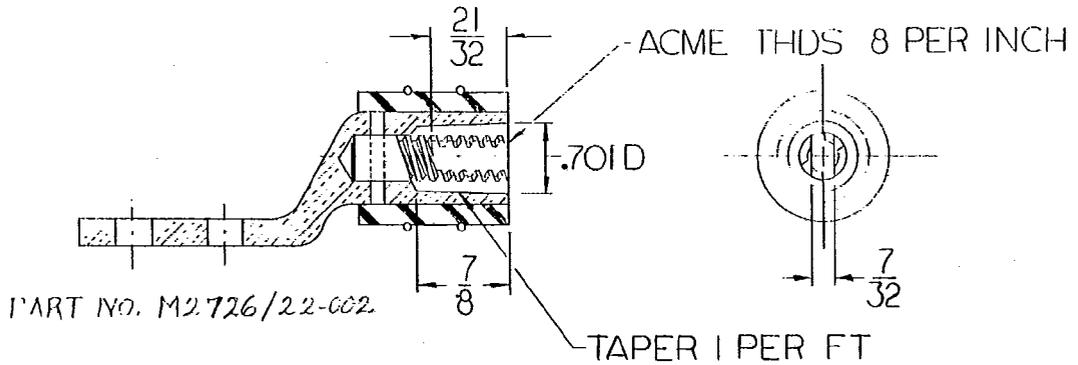
Ⓐ denotes changes.



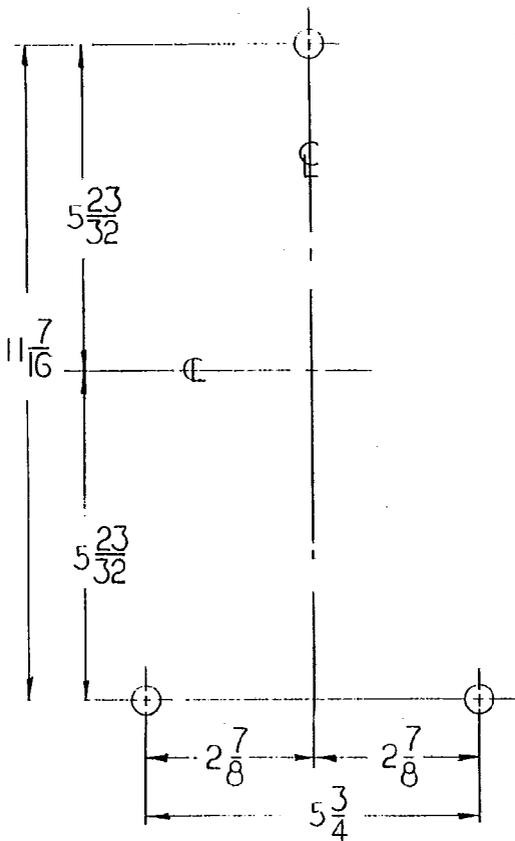
SH 9099

FIGURE 1. Dimensions and configuration.

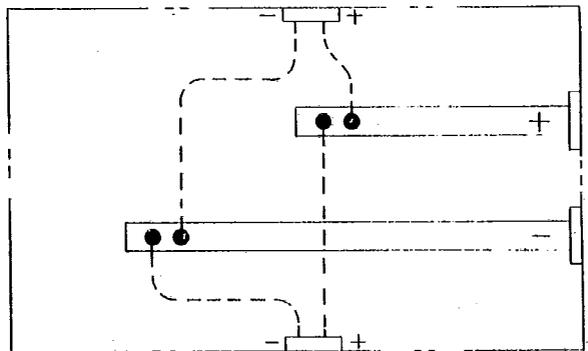
RAPID COUPLING (FEMALE)



MOUNTING DIMENSIONS  
MTG BOLTS TO BE 50-13 HEX HD



WIRING DIAGRAM



MAIN TERM 400 MCM MAX  
BRANCH TERM 300 MCM MAX

SH 9099-1

NOTES:

1. Dimensions are in inches. Unless otherwise specified, tolerances are  $\pm 1/64$  inch for fractions and  $\pm 0.005$  inch for decimals.
2. Supersedes: Drawing 9000-S6202-74204, symbol 770.1.

FIGURE 1. Dimensions and configuration. - Continued

## REQUIREMENTS:

1. Dimensions and configurations: See figure 1.
2. Effectiveness of enclosure: Submersible (15 foot) in accordance with MIL-STD-108.
3. Connectors: Burndy Quicklug, type Q2B (250 MCM - 300 MCM), or equal.
4. Mating plug: Drawing 9-S-5259-L, type M (not furnished).
5. Enclosure assembly: In accordance with MIL-E-24142/6, part number M24142/6-003.
6. Electrical rating: 200-ampere, direct current.
7. Part number: M2726/22-001 (assembly)  
M2726/22-002 (rapid coupling)
8. Identification and warning plate shall be furnished.
9. Caps shall be furnished.

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Ⓐ 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
Current load	3.5.12	4.7.12	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-N255-23)