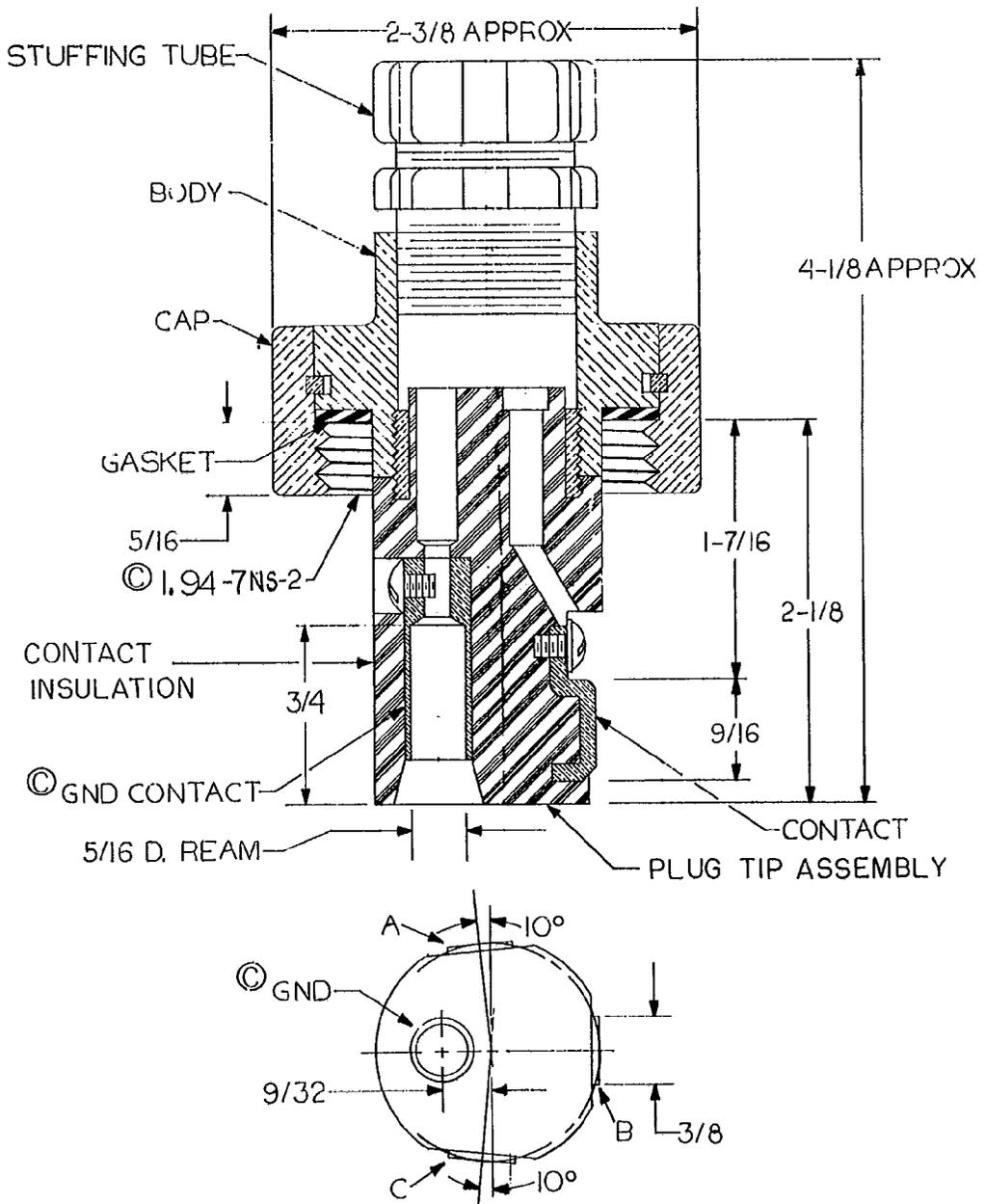


MILITARY SPECIFICATION SHEET

RECEPTACLE, PLUG, CONNECTOR, ELECTRICAL, 10-AMPERE,
125-VOLT, 3-PHASE, GROUNDED (SYMBOL NO. 706.1)

- Ⓒ 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.



SH 9151A

NOTES:

1. Dimensions are in inches. Unless otherwise specified, tolerance is $\pm 1/64$ inch for fractions. Angular tolerance is $\pm 1/2$ degree.
2. Supersedes: Drawing 9-S-4797-L, symbol 706.

FIGURE 1. Plug assembly.

REQUIREMENTS:

1. Dimensions and configurations: See figures 1 and 2.
2. Effectiveness of enclosure: Watertight in accordance with MIL-STD-108 when coupled with mating receptacle.
3. Strain relief: 30 pounds.
4. Material: Body and cap - brass.
Contact insulation - in accordance with type MFG (brown) of MIL-M-14.
Ground contact - brass.
5. Stuffing tube: MIL-S-19622/3, part number M19622/3-003 (not furnished).
6. Packing: MIL-S-19622/18, part number M19622/18-0018 (not furnished).
7. Mating receptacle: MIL-R-2726/67, part number M2726/67-001 (not furnished).
8. Test cable: In accordance with MIL-C-24643 and MIL-C-24643/3 (not furnished).
9. Design: Binding head screws may be used. Individual pathways through the contact insulation shall be provided to each contact of ample size to accept the insulated conductors.
10. Screw for ground contact terminal shall be finished in a distinctive green color.
11. Electrical rating: 10-amperes, 125-volt, 3-phase, grounded.
12. Part number: M2726/68-001 (plug assembly).
M2726/68-002 (plug tip).

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
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	
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	
Mechanical abuse	3.5.8	4.7.8	X	
Strain relief	3.5.7	4.7.7	X	

Preparing activity:
Navy - SH
(Project 5935-N255-69)