

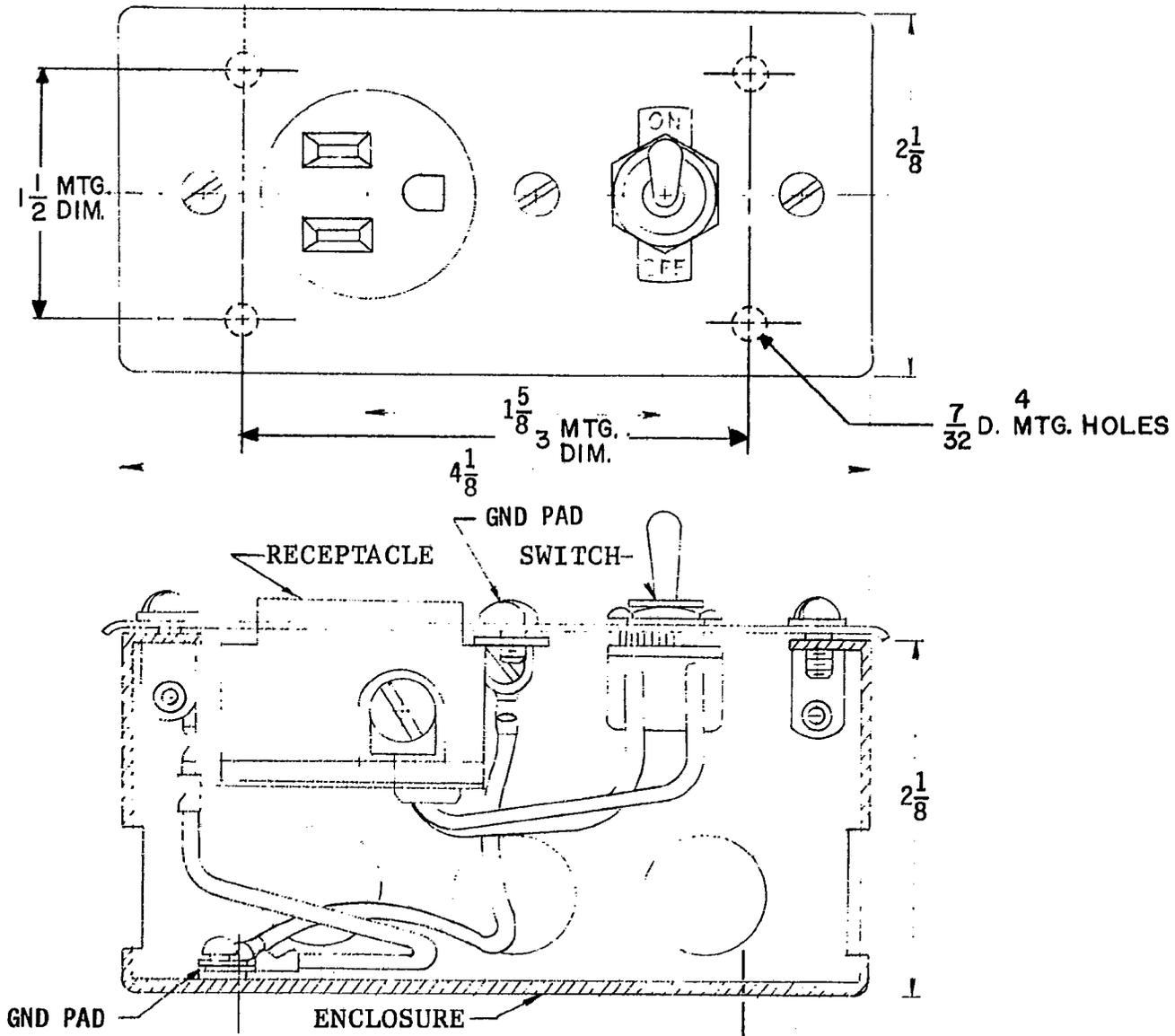
MILITARY SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, (BLADED) 15-AMPERE WITH
3-AMPERE SWITCH, TYPE DPST, 125-VOLT, GROUNDED,
TOTALLY ENCLOSED (SYMBOL 918.1)

Ⓐ 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.

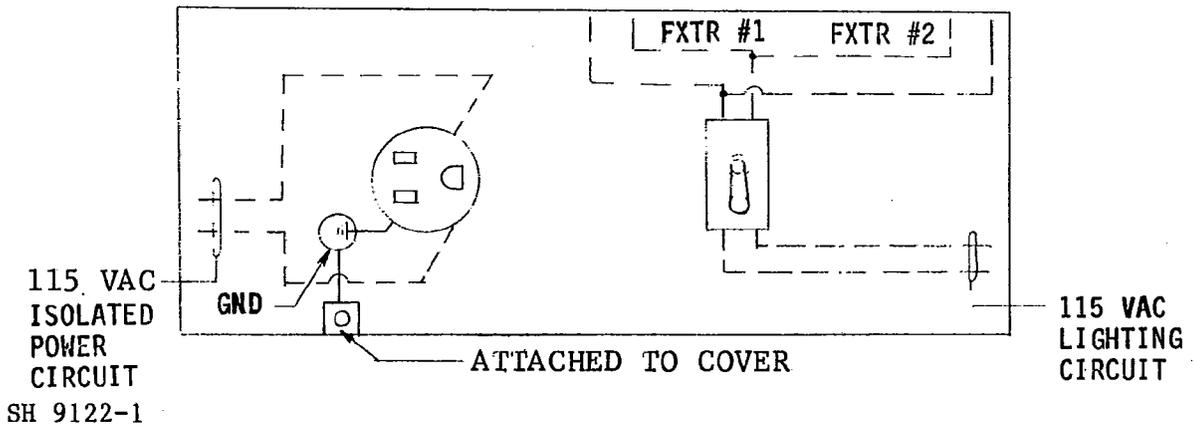
Ⓐ denotes changes.



SH 9122

FIGURE 1. Dimensions and configurations.

WIRING DIAGRAM



NOTES:

- ① 1. Dimensions are in inches. Unless otherwise specified, tolerances are $\pm 1/64$ inch for fractions and ± 0.005 inch for decimals.
2. Supersedes: MS17177, symbol 918.
3. Ground leads only to be wired by manufacturer as indicated by solid lines.

FIGURE 1. Dimensions and configurations. - Continued

REQUIREMENTS:

1. Dimensions and configurations: See figure 1.
2. H.I. shock: Disengagement of the test plug from the receptacle under H.I. shock shall not be considered as a failure.
- ① 3. Receptacle: In accordance with W-C-596, part number W-C-596/11-1. The ground contact shall be nickel-plated.
- ① 4. Switch: Type DPST toggle in accordance with MS24524-24.
- ① 5. Mating plug: W-C-596, part number W-C-596/13-3 (not furnished).
6. Enclosure: Shall be of steel or aluminum protected against corrosion. The box shall have a minimum of three 7/8-inch diameter cable entrance knockouts (one hole per side), which shall withstand a 30-pound force (external) to a 1/4-inch diameter area at the opposite end of the knockout hinge. Failure to resist this force shall be cause for rejection. Three plug buttons shall be furnished with the enclosure. Commercially available box and cover (steel or aluminum protected against corrosion) adapted for the purpose may be substituted for the specified box and cover.
- ① 7. Electrical rating: Receptacle - 15-ampere, 125-volt, alternating current (ac), 60-hertz (Hz).
Switch - 3-ampere, 125-volt, ac, 60-Hz.
- ① 8. Toggle switch boot: Not required.

(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
Endurance	3.5.5	4.7.5	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	
Operation	3.5.13	4.7.13	X	X
Ground contact resistance	3.5.3.3	4.7.3.3	X	X
Knockout force	3.5.19	4.7.19	X	

Preparing activity:

Navy - SH

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