

INCH-POUND

MIL-DTL-2726/48C
10 January 2003
SUPERSEDING
MIL-R-2726/48B(SH)
16 August 1989

DETAIL SPECIFICATION SHEET

RECEPTACLE AND SWITCH, ELECTRICAL, ENCLOSED,
15-AMPERE, 125-VOLT, INTERLOCKING, GROUNDED (SYMBOL NO. 900.1)

Inactive for new design after 26 December 1990

This specification is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein
shall consist of this specification and MIL-R-2726.

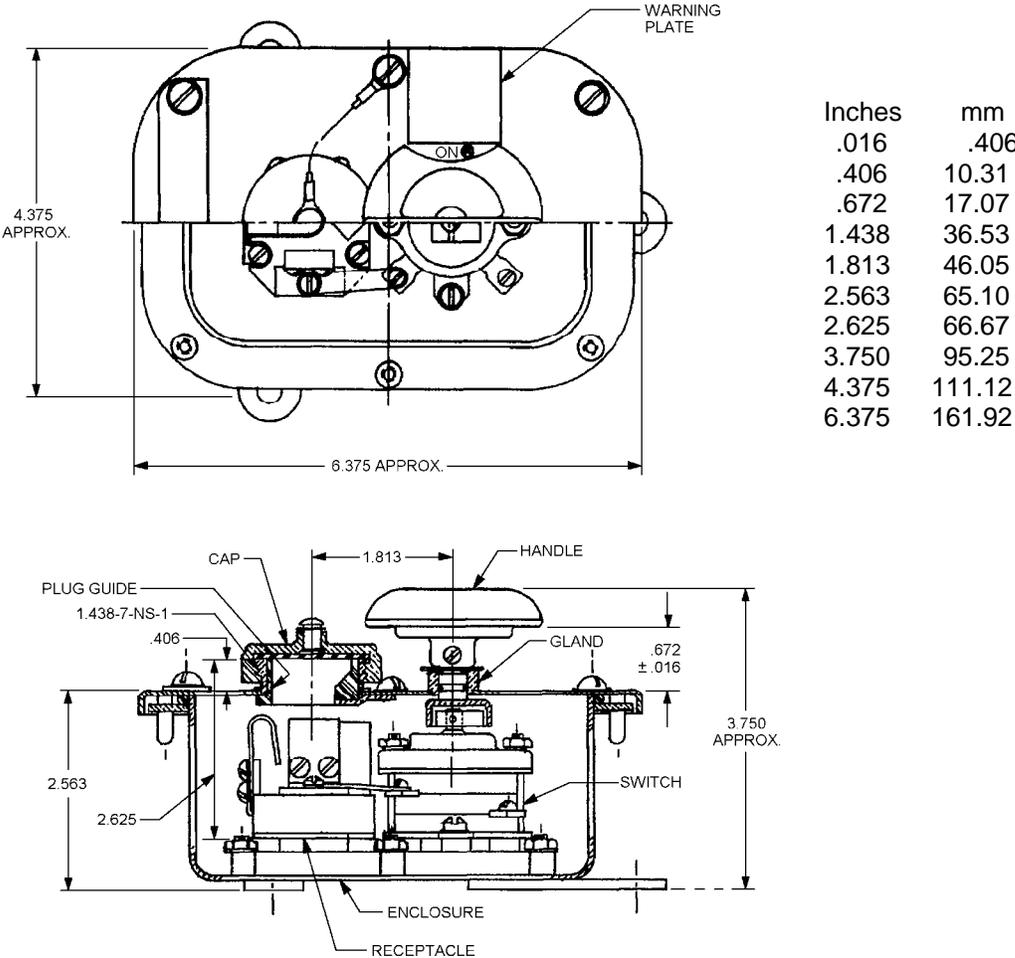
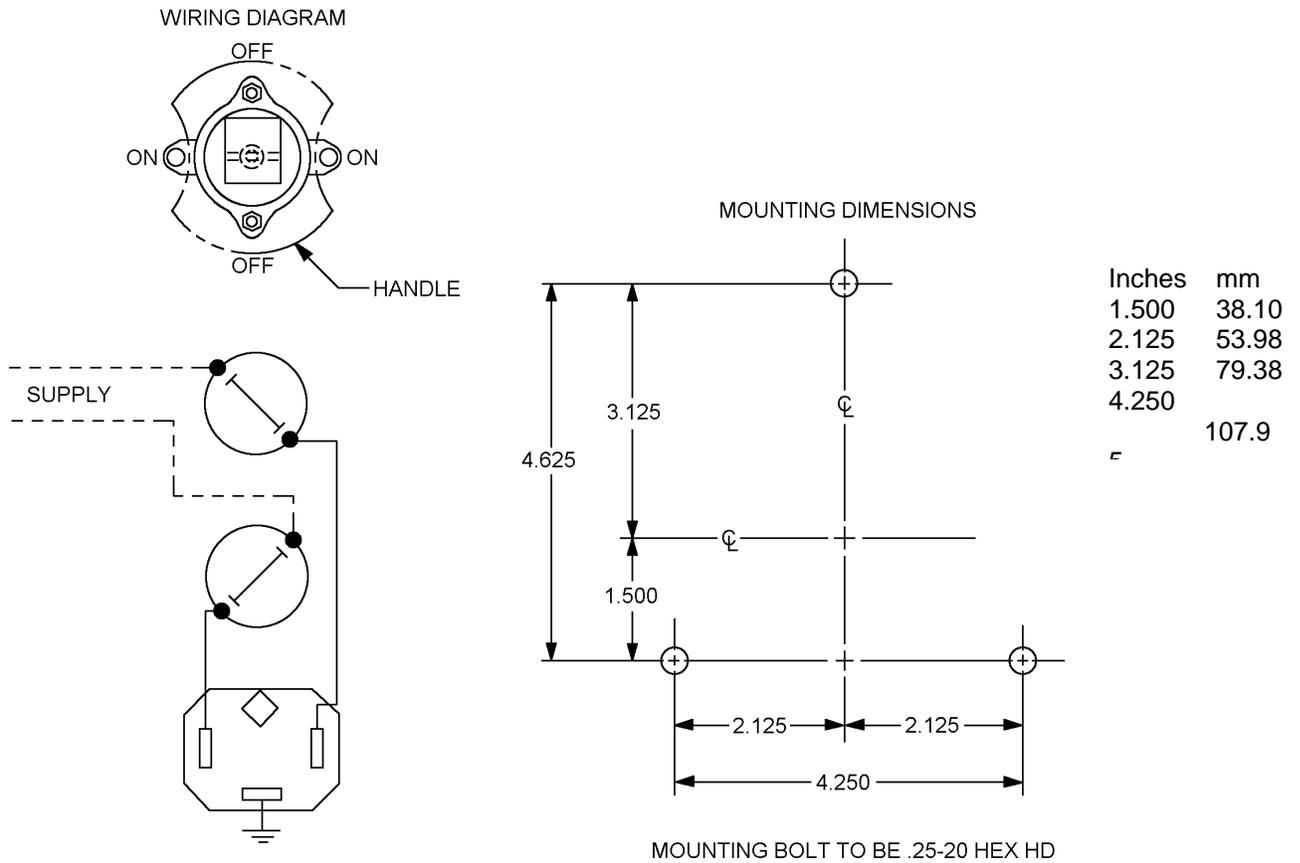


FIGURE 1. Dimensions and configurations.

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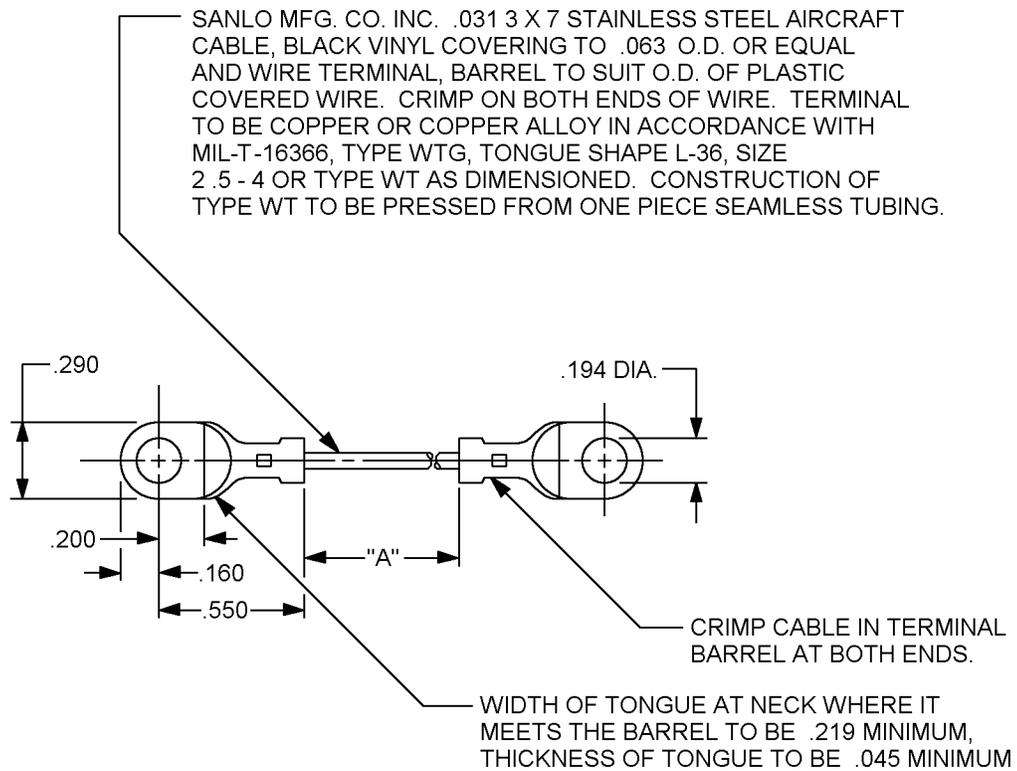


NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerances are .016 inch (0.41mm).
3. Metric equivalents are given for general information only.
4. Supersedes Drawing 9000-S6202-74068, symbol 900.

FIGURE 1. Dimensions and configurations – Continued.

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NOTES:

1. Cable length "A" may be 6 inches or 10 inches.
2. Dimensions are in inches.

Inches	mm
.031	.787
.045	1.143
.160	4.06
.194	4.93
.200	5.08
.219	5.56
.290	7.37
.550	13.97
6.0	152.40
10.0	254.00

FIGURE 2. Cable assembly.

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Requirements:

Dimensions and configuration: See figure 1.

Effectiveness of enclosure: The plug shall be watertight in accordance with MIL-STD-108.

Material: All materials except those in the MIL-S-15291 rotary switch shall be nonmagnetic.

Receptacle: MIL-R-2726/47, Part or Identifying Number (PIN) M2726/47-002.

Plug guide: MIL-R-2726/47, PIN M2726/47-003.

Gland: Metal.

Cap: In accordance with Drawing 9000-S6202-74031-119.

Switch: Rotary, in accordance with type 1SR2A4 of MIL-S-15291.

Design: Switch and receptacle interlock required.

Mating plug: MIL-R-2726/50, PIN M2726/50-001 (not furnished).

PIN: M2726/48-001.

Enclosure assembly: In accordance with MIL-E-24142/2, PIN M24142/2-001.

Cable assembly: In accordance with figure 2.

Electrical rating: 15 ampere, 125 volt.

Handle: The handle shall be of non-conducting material or plastic coated and designed to turn the switch on and off and also serve as an interlock to prevent removal or insertion of the plug and cap while the switch is in the "ON" position.

Examination and tests:

Requirements for first article and quality conformance, as shown below, shall be in accordance with MIL-R-2726. Examinations and tests shall be performed in the order shown (see table I).

Examination: Visual and dimensional examination shall meet the requirements for materials, design and construction, performance, marking and workmanship indicated in MIL-R-2726.

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Tests: The following tests shall be required.

TABLE I. First article and quality conformance inspection.

Test in accordance with MIL-R-2726	First article	Quality conformance
Insulation resistance	X	X
Dielectric withstanding voltage	X	X
Operation	X	X
Vibration	X	
Shock	X	
Salt spray	X	
Effectiveness of enclosure	X	X
Dielectric withstanding voltage	X	
Magnetic permeability	X	X

Note: Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

CONCLUDING MATERIAL

Custodians:
Navy – SH
DLA – CC

Preparing activity:
DLA - CC

(Project 5935-4424-002)