

INCH-POUND
MIL-DTL-2726/39B
20 October 2006
SUPERSEDING
MIL-R-2726/39A(SH)
30 June 1967

DETAIL SPECIFICATION SHEET

RECEPTACLE AND SWITCH, ELECTRICAL, 15 - AMPERE, 125 - VOLT,
BLADED TYPE, GROUNDED (SYMBOL NO. 919)

Inactive for new design after 28 June 1999.

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 sheet and MIL-DTL-2726.

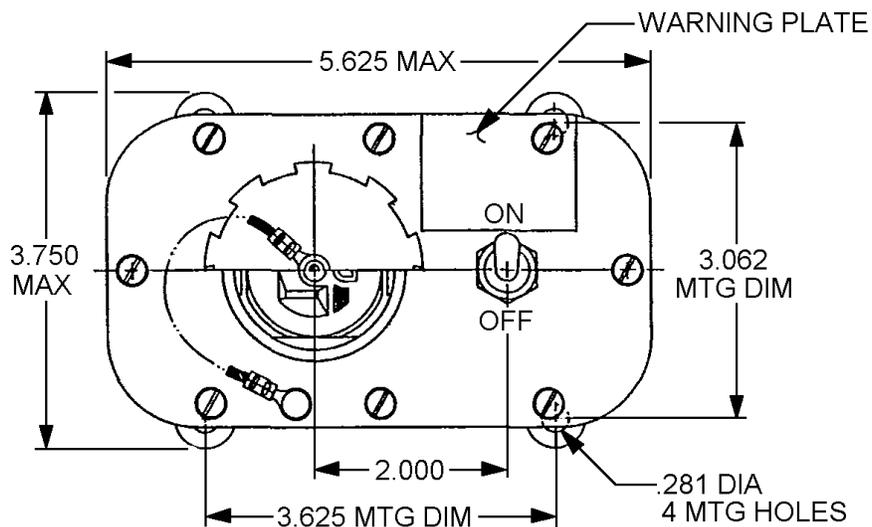
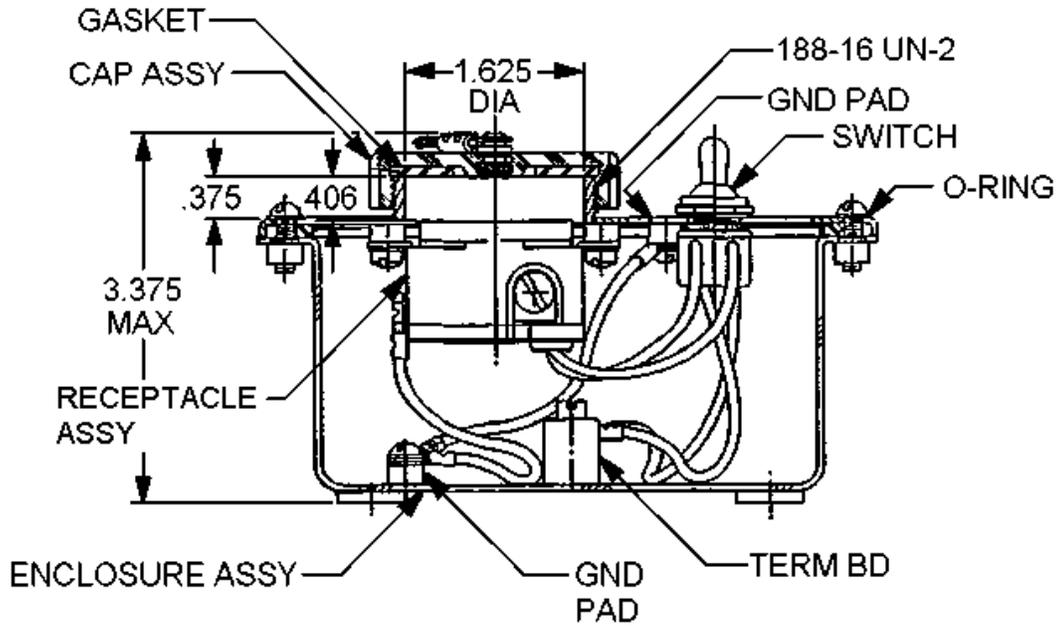


FIGURE 1. Dimensions and configurations.

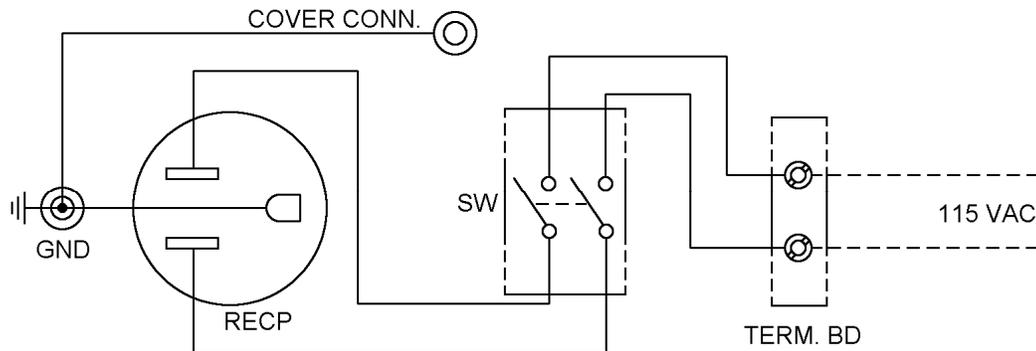


| Inches | mm |
|--------|--------|
| .281 | 7.14 |
| .375 | 9.52 |
| .406 | 10.31 |
| 1.625 | 41.27 |
| 2.000 | 50.80 |
| 3.062 | 77.77 |
| 3.357 | 85.27 |
| 3.625 | 92.07 |
| 3.750 | 95.25 |
| 5.625 | 142.87 |

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are $\pm .016$ (0.41mm).

FIGURE 1. Dimensions and configurations - Continued.

FIGURE 2. Wiring diagram.**REQUIREMENTS**

Dimensions and configurations: See figures 1 and 2.

Effectiveness of enclosure: Watertight in accordance with MIL-STD-108.

Receptacle: Shall be in accordance with W-C-596/13, Part or Identifying Number (PIN) W-C-596/13-3.
The ground contact shall be nickel-plated.

Switch: In accordance with MS24524-24 type DPST toggle.

A terminal board shall be furnished and installed.

Mating plug: In accordance with MIL-DTL-2726/38, PIN M2726/38-001.

PIN: M2726/39-001.

Enclosure assembly: In accordance with MIL-E-24142/10, PIN M24142/10-001.

Electrical rating: 15-ampere, 125-volt, alternating current, 60-hertz.

Toggle switch boot shall be furnished and installed on the switch.

VERIFICATION

Verification shall be as specified in MIL-DTL-2726 and table I herein. The first article and conformance inspections shall consist of the inspections as specified in table I, in the order shown.

MIL-DTL-2726/39B

TABLE I. First article and quality conformance inspection.

| Inspection | First article | Conformance |
|---------------------------------|---------------|-------------|
| Examination | X | X |
| Insulation resistance | X | X |
| Dielectric withstanding voltage | X | X |
| Endurance | X | |
| Ground contact resistance | X | X |
| Vibration | X | |
| Shock | X | |
| Salt spray | X | |
| Effectiveness of enclosure | X | X |
| Dielectric withstanding voltage | X | |

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

Referenced documents. In addition to MIL-DTL-2726, this document references the following:

MIL-DTL-2726/38
MIL-E-24142/10
MIL-STD-108
MS24524
W-C-596/13

CONCLUDING MATERIAL

Custodians:
Navy - SH
DLA - CC

Preparing activity
DLA - CC

(Project 5935-4711-000)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil>.