

**INCH-POUND**  
MIL-DTL-2726/19D  
22 April 2014  
SUPERSEDING  
MIL-DTL-2726/19C  
20 February 2007

DETAIL SPECIFICATION SHEET

RECEPTACLE WITH SWITCH, ELECTRICAL, 30 - AMPERE, 450 - VOLT, ALTERNATING CURRENT, 60-HERTZ, 3 - PHASE, INTERLOCKING, GROUND (SYMBOL NO. 915.1)

Reactivated after 27 November 2002 and may be used for new and existing designs and acquisitions.

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.

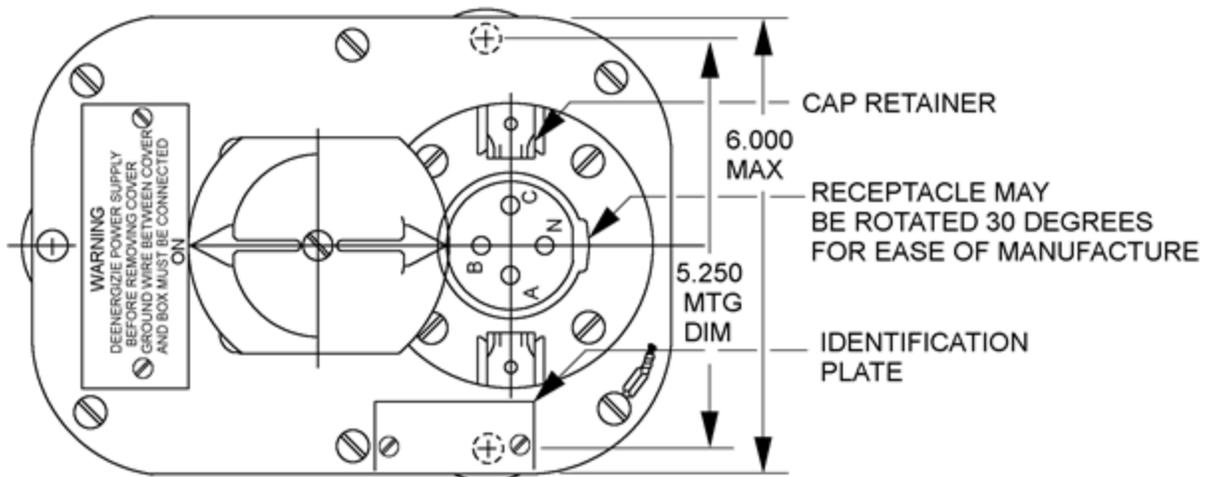
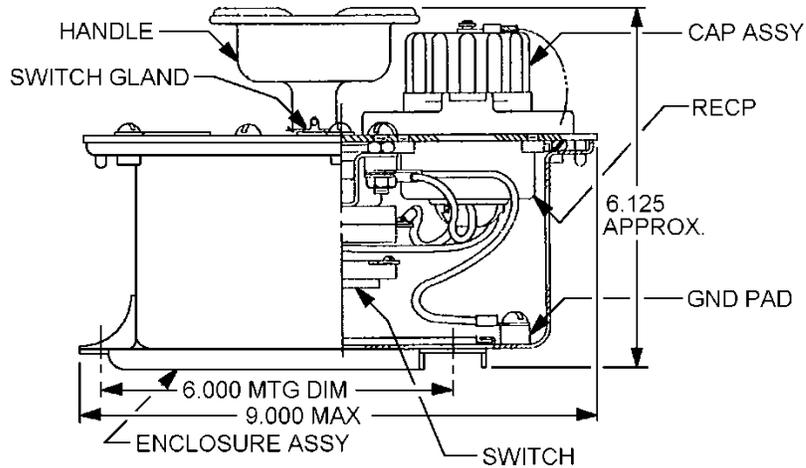
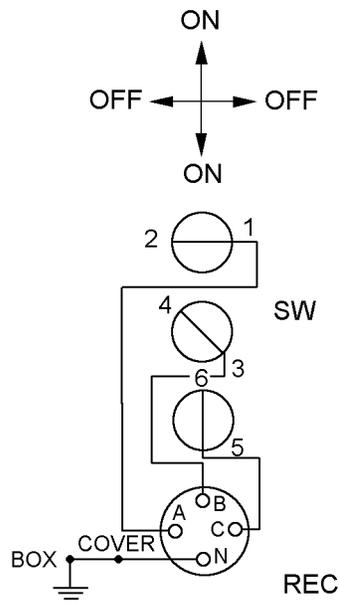


FIGURE 1. Dimensions and configurations.

MIL-DTL-2726/19D



Inches	mm
5.250	133.35
6.000	152.40
6.125	155.57
9.000	228.60



WIRING DIAGRAM SYSM 915.1

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are  $\pm .016$  (0.41mm) and  $\pm .5^\circ$  on angles.
4. Supersedes: Drawing 815-1197066, symbol 915.
5. Switch may be base mounted as an option.

FIGURE 1. Dimensions and configurations - Continued.

## MIL-DTL-2726/19D

### REQUIREMENTS

Dimensions and configuration: See figure 1.

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

Receptacle: MIL-DTL-2726/9, Part or Identifying Number (PIN): M2726/9-001 or  
PIN M2726/9-002.

Cap assembly: MIL-DTL-2726/13, PIN M2726/13-001.

Cap and plug retainer: Equivalent retainer latch in accordance with MIL-DTL-2726/16  
(May be modified as required, provided the function is not impaired).

Switch: Rotary, type 3SR3A4 in accordance with MIL-DTL-15291/7, PIN M15291/7-005.

Design: Switch and receptacle interlock required.

Mating plug: MIL-DTL-2726/3, PIN M2726/3-001 (not furnished).

Intended use: Watertight applications.

Enclosure assembly: In accordance with MIL-E-24142/4, PIN M24142/4-001.

Switch gland: Metal.

Electrical rating: 30 ampere, 450 volt, alternating current, 60 hertz.

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

PIN: M2726/19-001.

Internal wiring shall be furnished.

### VERIFICATION

Quality assurance 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-2726/19D

TABLE I. First article and conformance inspection.

Inspection	First article	Quality conformance
Examination	X	X
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	

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the previous issue.

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

- MIL-DTL-15291/7
- MIL-DTL-2726/3
- MIL-DTL-2726/9
- MIL-DTL-2726/13
- MIL-DTL-2726/16
- MIL-E-24142/4
- MIL-STD-108

CONCLUDING MATERIAL

Custodians:  
Navy - SH  
DLA - CC

Preparing activity  
DLA - CC

(Project 5935-2014-031)

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 <https://assist.dla.mil>.