

INCH-POUND
MIL-DTL-2726/20C
17 July 2013
SUPERSEDING
MIL-DTL-2726/20B
13 May 2005

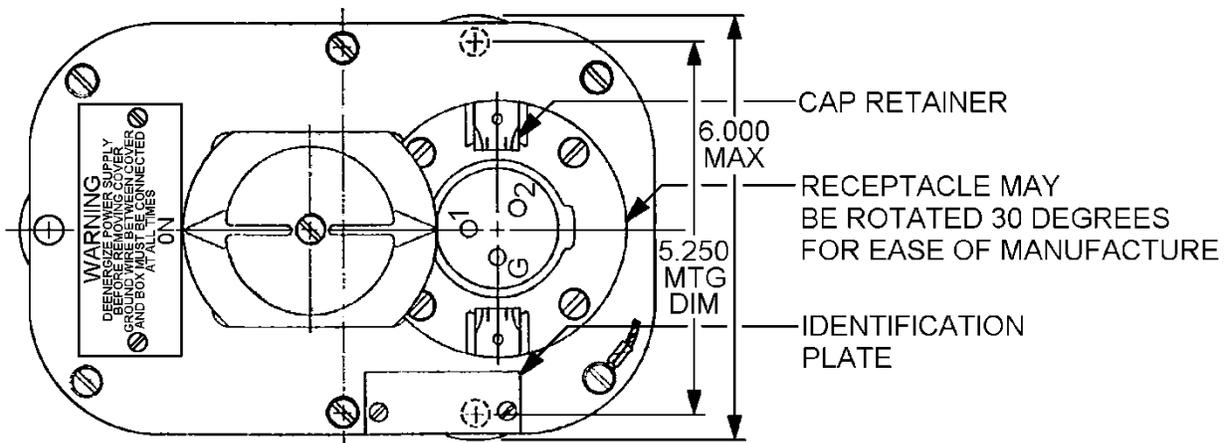
DETAIL SPECIFICATION SHEET

RECEPTACLE WITH SWITCH, ELECTRICAL, 30 - AMPERE, 450 - VOLT,
1 - PHASE, INTERLOCKING, GROUNDED (SYMBOL NO. 916.1)

Reactivated after 13 May 2005 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.

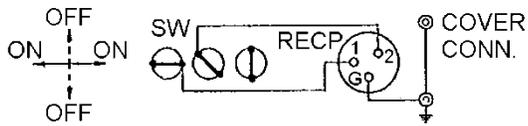
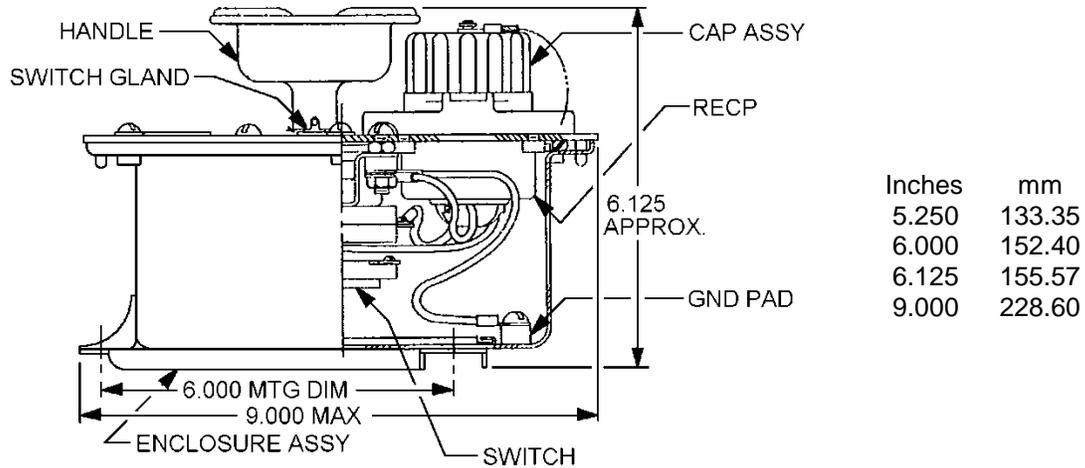
The requirements for acquiring the product described herein shall
consist of this specification sheet and MIL-DTL-2726.



SH 9098

FIGURE 1. Dimensions and configurations.

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WIRING DIAGRAM

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 916.
5. Switch may be base mounted as an option.

FIGURE 1. Dimensions and configurations - Continued.

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REQUIREMENTS

Dimensions and configuration: See figure 1.

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

Receptacle: MIL-DTL-2726/11, Part or Identifying Number (PIN): M2726/11-001 or PIN M2726/11-002.

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

Cap and plug retainer: Equivalent retainer latch of MIL-DTL-2726/15 (may be modified as required, provided the function is not impaired).

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

Design: Switch and receptacle interlock required.

Mating plug: MIL-DTL-2726/5, PIN M2726/5-001 (not furnished).

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

PIN: M2726/20-001.

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

Handle: The handle shall be of nonconducting material and designed to turn the switch 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.

Intended use: Watertight applications.

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.

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 last previous issue.

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

MIL-DTL-2726/5
MIL-DTL-2726/11
MIL-DTL-2726/13
MIL-DTL-2726/15
MIL-E-24142/4
MIL-DTL-15291/7
MIL-STD-108

CONCLUDING MATERIAL

Custodians:
Navy - SH
DLA - CC

Preparing activity
DLA - CC

(Project 5935-2013-164)

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>.