

INCH-POUND
MIL-DTL-2726/26D
01 September 2006
SUPERSEDING
MIL-R-2726/26C(SH)
3 July 1986

DETAIL SPECIFICATION SHEET

RECEPTACLE, PLUG, ELECTRICAL 4 - PIN, 60 - AMPERE,
208/117 - VOLT, 3 - PHASE GROUNDED (SYMBOL NO. 728.1)

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.

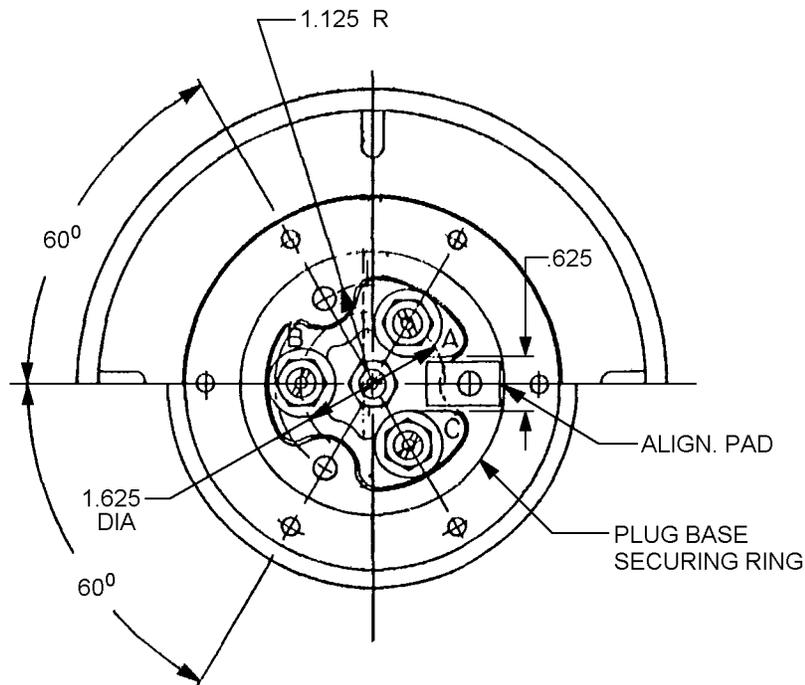
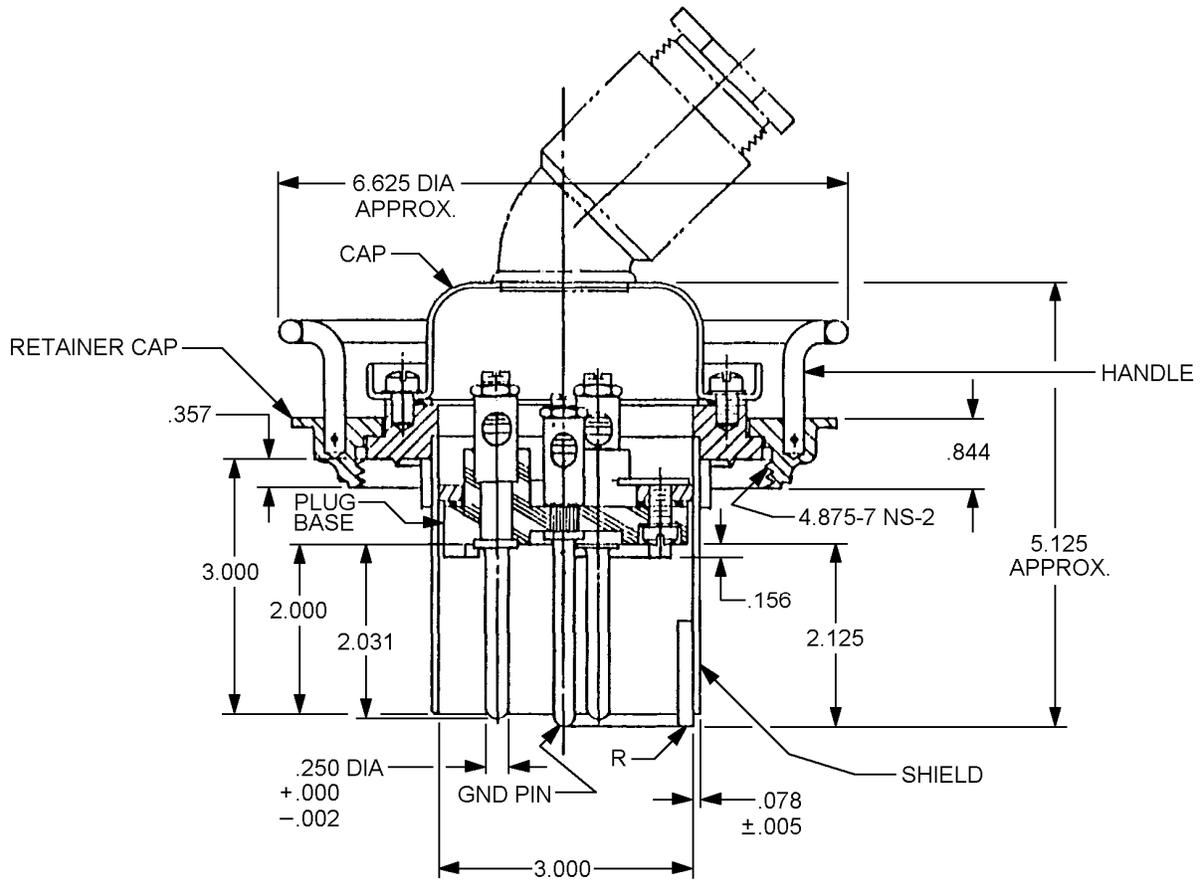


FIGURE 1. Plug assembly.

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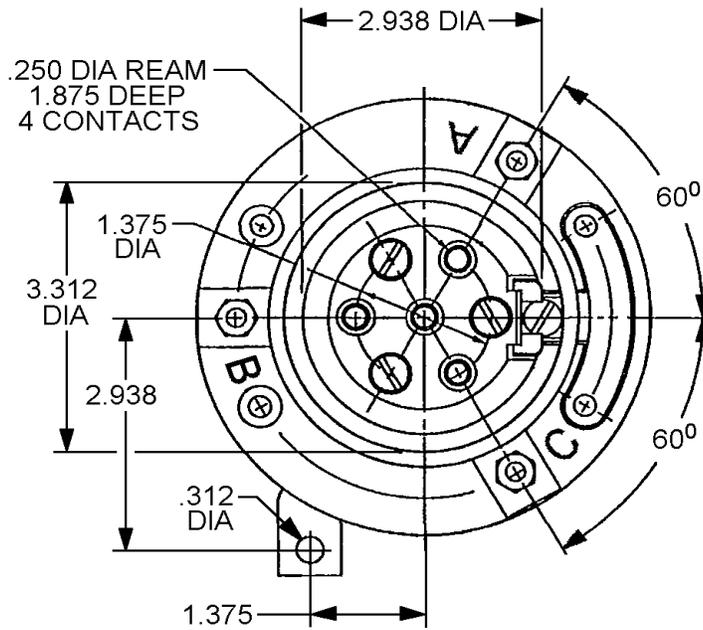


NOTES:

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 angle.
4. Supersedes: Drawing 9000-S6202-S6202-73942, symbol 728.

FIGURE 1. Plug assembly - Continued.

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Inches	mm
.002	0.05
.005	0.13
.062	1.57
.078	1.98
.125	3.17
.156	3.96
.188	4.77
.250	6.35
.375	9.52
.500	12.70
.625	15.87
.844	21.44
1.125	28.57
1.188	30.17
1.625	41.27
2.000	50.80
2.031	51.59
2.125	53.97
3.000	76.20
3.938	100.02
4.875	123.82
5.125	130.17
6.375	161.92
6.625	168.27

NOTES:

1. Dimensions are in inches.
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3. Unless otherwise specified, tolerances are $\pm .016$ (0.41mm).

FIGURE 1. Plug assembly – Continued.

REQUIREMENTS

Dimensions and configurations: See figure 1.

Effectiveness of enclosure: Submersible (15-foot) in accordance with MIL-STD-108 when coupled with mating receptacle.

Material: Shield and cap - steel.
Retainer cap and handle - brass.

Contact hardness: Minimum of Rockwell 80F.

Mating receptacle: MIL-DTL-2726/27, Part or Identifying Number (PIN)
M2726/27-001.

Design: Cap shall provide 2,500 inch diameter flat surface to accommodate a cable entrance stuffing tube. Cap shall be furnished intact (stuffing tube hole to be drilled by the installing activity).

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Electrical rating: 60-ampere, 208/117-volt, 3-phase.

PIN: M2726/26-001.

Contact finish: Silver plate.

Test cable: MIL-DTL-24643 and MIL-DTL-24643/3.

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.

TABLE I. First article and quality conformance inspection.

Inspection	First article	Conformance
Examination	X	X
Insulation resistance	X	X
Dielectric withstanding voltage	X	X
Contact resistance	X	X
Endurance	X	
Salt spray	X	
Contact resistance	X	
Current load	X	
Vibration	X	
Shock	X	
Effectiveness of enclosure	X	X
Dielectric withstanding voltage	X	
Mechanical abuse	X	
Rockwell hardness	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-2726/27
- MIL-DTL-24643
- MIL-DTL-24643/3
- MIL-STD-108

MIL-DTL-2726/26D

CONCLUDING MATERIAL

Custodians:
Navy - SH
DLA - CC

Preparing activity
DLA - CC

(Project 5935-4708-000)

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>.