INCH-POUND
MIL-DTL-2726/11C
01 September 2006
SUPERSEDING
MIL-R-2726/11B(SH)
3 July 1986

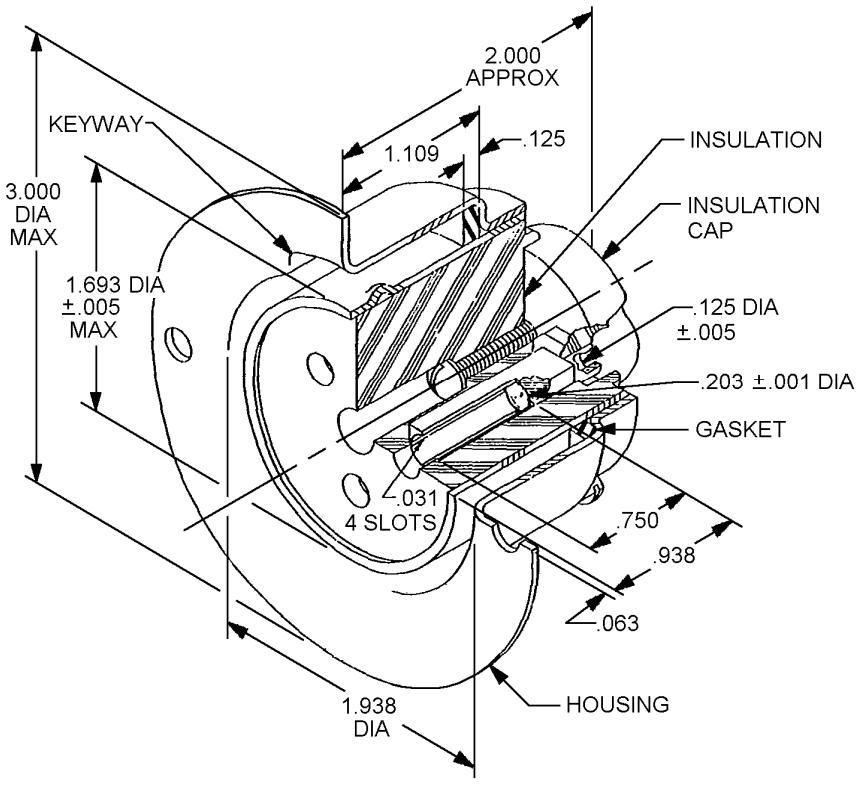
DETAIL SPECIPICATION SHEET

RECEPTACLE, ELECTRICAL, 3 - PIN GROUNDED, 40 - AMPERE, 450 - VOLT, ALTERNATING CURRENT (SYMBOL NOS. 1141.1 AND 1141.2)

Inactive for new design after 28 June 1999.

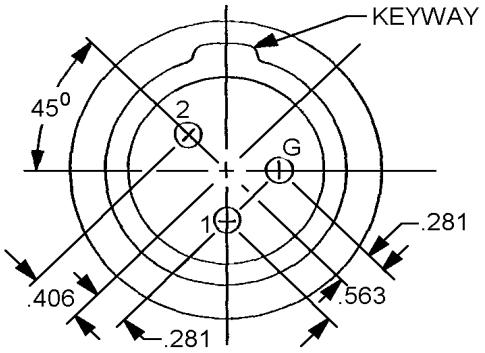
This specification is approved for use by all Departments and Agencies of the Department of Defense.

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



Symbol no. 1141.1

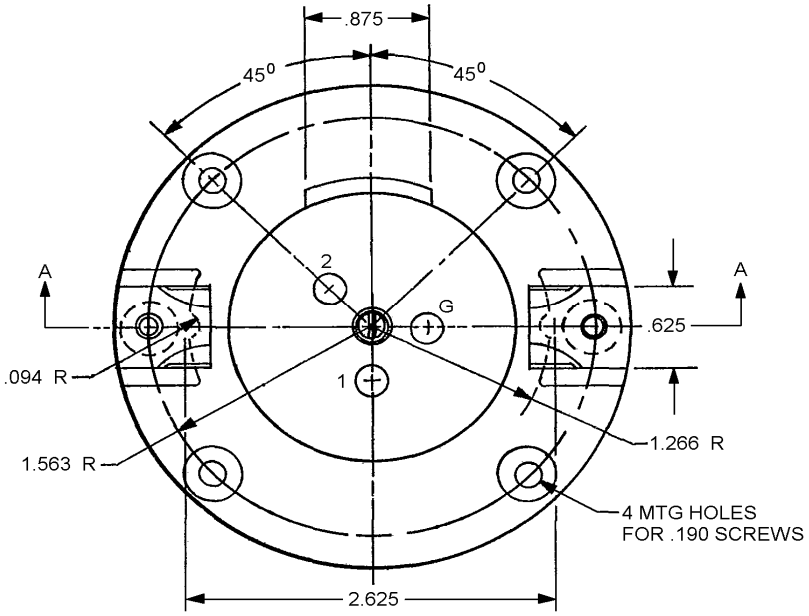
FIGURE 1. Receptacle (metal housing and shell).



Inches	mm	Inches	mm
.001	0.02	.562	14.27
.005	0.13	.750	19.07
.016	0.41	.938	23.82
.031	0.79	1.109	27.79
.062	1.57	1.693	43.00
.125	3.17	1.695	43.05
.203	5.16	1.938	49.22
.281	7.14	2.000	50.80
.406	10.31	3.000	76.20

NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are ± .016 (0.41mm) and ± .5° on angles.
4. Supersedes: Drawing 9000-S6202-73882, pc. 51, symbol 1141.
5. Part or Identifying Number (PIN) M2726/11-001.

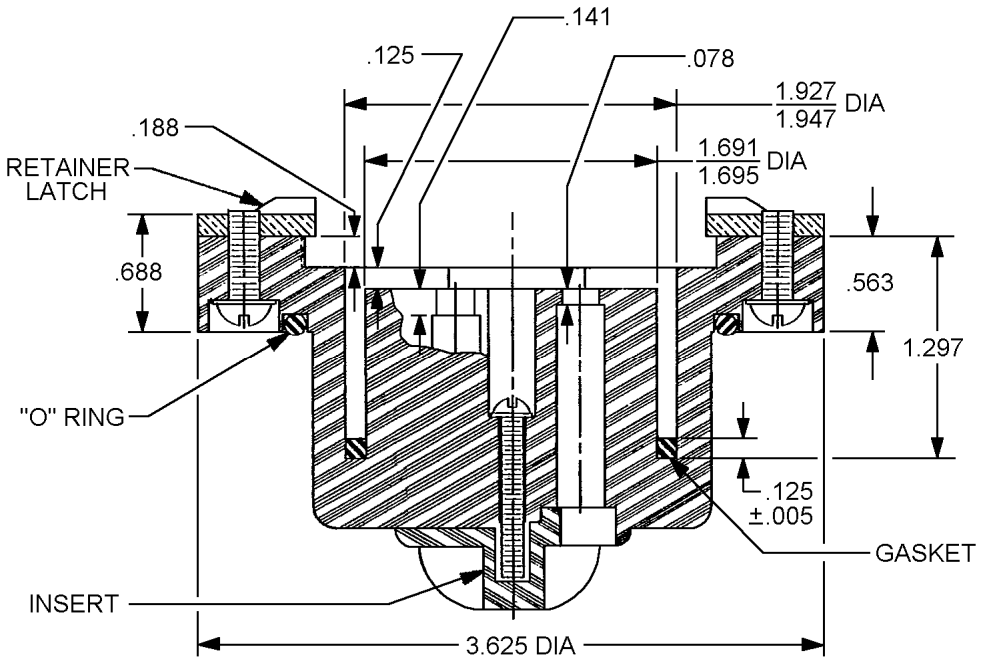
FIGURE 1. Receptacle (metal housing and shell) - Continued.



Inches	mm	Inches	mm
.005	0.13	.875	22.22
.078	1.98	1.094	27.79
.094	2.39	1.266	32.16
.125	3.17	1.297	32.94
.141	3.58	1.562	39.67
.188	4.77	1.691	42.95
.190	4.83	1.695	43.05
.562	14.27	1.927	48.95
.625	15.87	1.947	49.45
.688	17.47	2.625	66.67
		3.625	90.07

Symbol no. 1141.2

FIGURE 2. Receptacle (plastic body).



SECTION A - A

NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are ± .016 (0.41mm) and ± .5° on angles.
4. PIN: M2726/11-002.

FIGURE 2. Receptacle (plastic body) - Continued.

REQUIREMENTS

Dimensions and configurations: See figures 1 and 2.

Effectiveness of enclosure: Watertight in accordance with MIL-STD-108 when mounted in a suitable enclosure.

Material: Housing - optional - polyamide (nylon) or metal.
Receptacle insulation and cap - in accordance with ASTM-D5948 type MAI-60.
Contacts - in accordance with ASTM-B441 number copper alloy 175, HT temper.

Contact hardness: Minimum of Rockwell 80F.

Mating plug: MIL-DTL-2726/5, PIN M2726/ 5-001.

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

Design: Housing and insulation may be a one-piece molded unit.

Gasket: Neoprene, commercial (COML), durometer number 20. Lubricate with silicon compound.

O-ring: In accordance with SAE-AS28775.

Electrical rating: 40-ampere, 450-volt, alternating current, 60-hertz.

PIN: M2726/11-001 (metal housing and shell), MS2726/11-002 (plastic body).

Contact finish: Silver plate.

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	
Ball drop impact	X	
Strain relief	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:

ASTM-B441
ASTM-D5948
MIL-DTL-2726/5
MIL-DTL-2726/13
MIL-STD-108
SAE-AS28775

CONCLUDING MATERIAL

Custodians:
Navy - SH
DLA - CC

Preparing activity
DLA - CC

(Project 5935-4617-009)

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.