

**INCH-POUND**  
MIL-DTL-2726/32B  
13 May 2005  
SUPERSEDING  
MIL-R-2726/32A(SH)  
3 July 1986

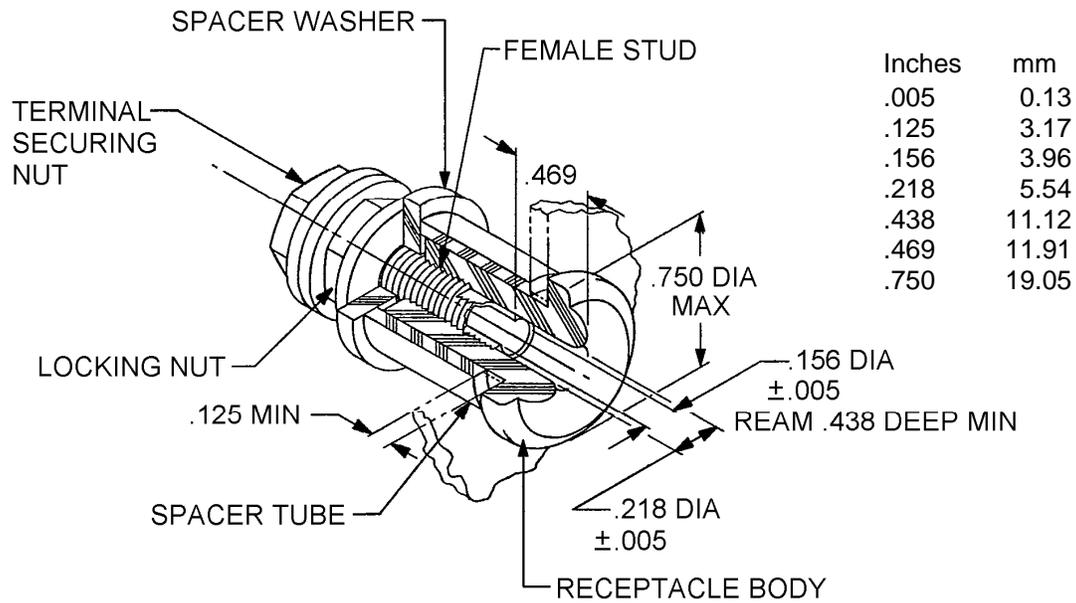
DETAIL SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, 10 - AMPERE, 125 - VOLT, SINGLE POLE,  
PANEL MOUNTED (SYMBOL NO. 775.1 - BLACK; SYMBOL NO. 775.2 - RED)

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 9110

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are ± .016 (0.41mm).
4. Supersedes: Drawing 9000-S6202-73482, symbol 775.

FIGURE 1. Dimensions and configuration.

MIL-DTL-2726/32B

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Contact resistance: When tested as specified in accordance with MIL-DTL-2726, the voltage drop shall not exceed 10 millivolts. Measured between the connection stud of the receptacle.

Uncoupling force: Minimum of 5 pounds.

H.I. shock: Disengagement of the test plug from the receptacle under H.I. shock shall not be considered as a failure.

Contact hardness: Minimum of Rockwell 76B.

Mating plug: MIL-DTL-2726/30, Part or Identifying Number (PIN) M2726/30-001 (not furnished).

Design: Receptacle shall be designed to fit the following: Panel hole .500 inch diameter  
Panel thickness .125 inch to .250 inch.

Material: Body - rubber, in accordance with ASTM D 2000 M2AC 710 A13E034 or plastic, in accordance with type MAI-60 of ASTM-D5948.

PIN: M2726/32-001 (black) symbol 775.1, M2726/32-002 (red) symbol 775.2.

Electrical rating: 10-ampere, 125-volt.

Contact finish: Silver plate.

Receptacles body and spacer tube shall be colored.

QUALITY ASSURANCE:

Quality assurance shall be as specified in MIL-DTL-2726 and table I herein. The first article and quality 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	Quality conformance
Examination	X	X
Insulation resistance	X	X
Dielectric withstanding voltage	X	X
Contact resistance	X	X
Uncoupling force	X	X
Endurance	X	
Uncoupling force	X	
Salt spray	X	
Contact resistance	X	
Current load	X	
Vibration	X	
Shock	X	
Dielectric withstanding voltage	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-D2000  
 ASTM-D5948  
 MIL-DTL-2726/30

CONCLUDING MATERIAL

Custodians:  
 Navy - SH  
 DLA - CC

Preparing activity  
 DLA - CC

(Project 5935-4617-022)

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>.