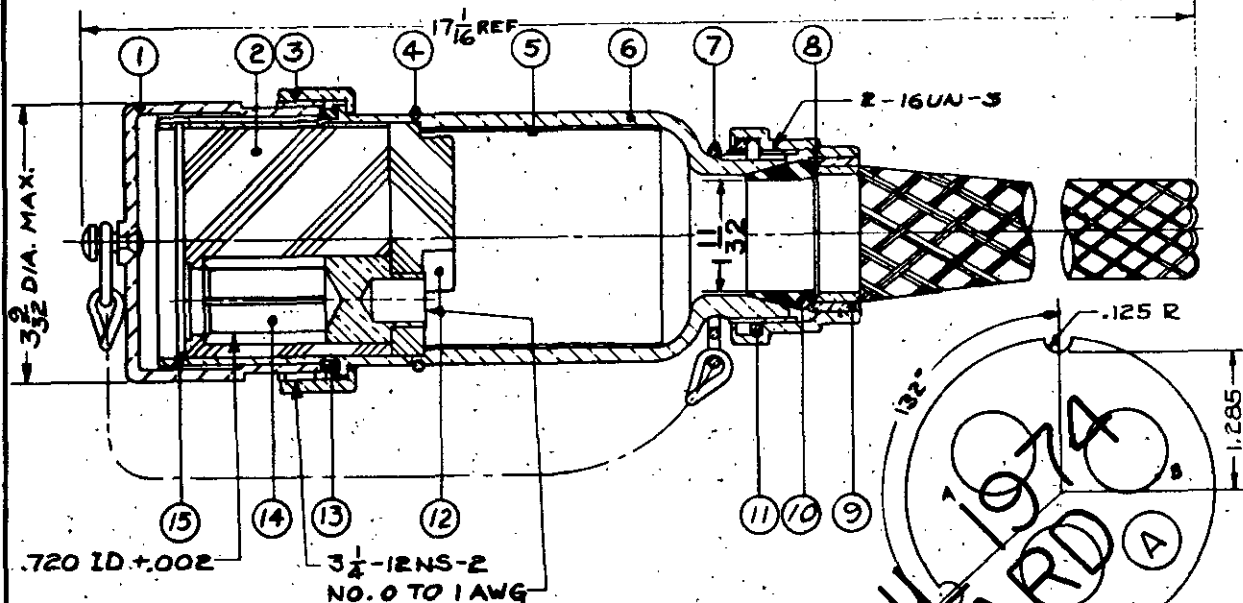


FED. SUP CLASS
5935NO. 3
CONTACT CONFIGURATION
3 HOLES EQUALLY SPACED
.688 FROM CENTER

FOR REFERENCE ONLY

COMPONENT	NOMENCLATURE	ORDNANCE PART NO.	NO. REQD
1	COVER, ELECTRICAL CONNECTOR (RIVETED)	7659728	1
2	INSULATOR, DISK	6173160	1
3	NUT, COUPLING	6173161	1
4	RING, RETAINING	5183454	1
5	INSULATION, SLEEVING	5183455	1
6	SHELL, ELECTRICAL CONNECTOR	5578541	1
7	RING, CONNECTING, ROUND	5196634	1
8	ADAPTER	5183462	1
9	GRIP, CABLE, MOVED	8603764	1
10	BUSHING, SOLDERED	540680	1
11	SPRING, TORSION	5196633	1
12	INSULATOR, DISK	6173145	1
13	GASKET	5183448	1
14	CONTACT, ELECTRICAL	5183456	3
15	RING, RETAINING	5183444	1

NOTES:

1. All dimensions in inches.
2. Service Ratings (at sea level) = 500 DC volts.
= 275 AC volts.
= 200 amperes (max).
3. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
4. Referenced documents shall be of the issue in effect on date of invitations for bid.

PART NUMBER

MS 27159-1

Engineering Data:

Refer to MS 27160
Refer to MS 27162for matching male electrical plug connector.
for matching male electrical receptacle connector.

P.A. ORD Other Cust SHIPS	TITLE CONNECTOR, PLUG, ELECTRICAL- 3 CONDUCTOR TYPE I, STYLE S, CLASS 1 (500 VDC; 200 A)	MILITARY STANDARD MS 27159
PROCUREMENT SPECIFICATION MIL-C-27699	SUPERSEDES:	SHEET 1 OF 1

NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever, and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

This military standard is approved by the Department of Defense and is mandatory on all activities. Solicitations for all new engineering and design applications and for repetitive use shall be made from this document.

APPROVED 2 OCT 61 REVISED 9 APRIL 1974