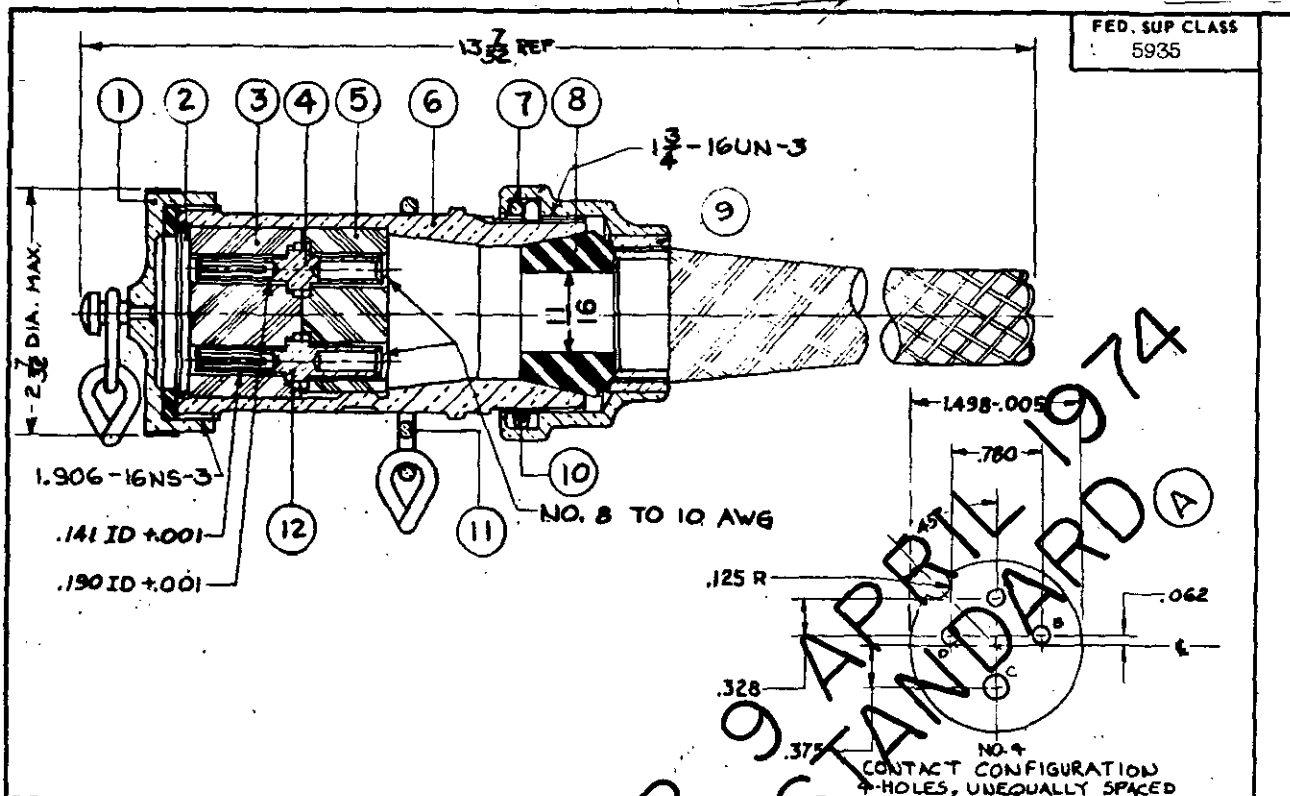


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FOR REFERENCE ONLY

COMPONENT	NOMENCLATURE	ORDNANCE PART NO.	NO. REQD
1	COVER, ELECTRICAL CONNECTOR (WELDED AND CEMENTED)	7652729	1
2	RING, RETAINING	5182787	1
3	INSULATOR, DISK	8208563	1
4	CONTACT, ELECTRICAL	8208564	3
5	INSULATOR, DISK	8202451	1
6	SHELL, ELECTRICAL CONNECTOR	6177978	1
7	ADAPTER	5048701	1
8	BUSHING, MOLDED	540619	1
9	GRIP, CABLE, WOVEN	7652730	1
10	SPRING, TORSTON	5048702	1
11	RING, CONNECTING, ROUND	5048706	1
12	CONTACT, ELECTRICAL	8208565	1

PART NUMBER

MS 27163-1

NOTES:

1. All dimensions in inches.
2. Service Ratings (at sea level) = 500 DC volts.
= 275 AC volts.
= 60 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.

Engineering Data:

Refer to MS 27164
Refer to MS 27166

for matching male electrical plug connector.
for matching male electrical receptacle connector.

P.A. ORD Other Cust SHIPS	TITLE CONNECTOR, PLUG, ELECTRICAL - 4 CONDUCTOR TYPE I, STYLE S, CLASS 1 (500 VDC; 60 A)	MILITARY STANDARD MS 27163
PROCUREMENT SPECIFICATION MIL-C-27699	SUPERSEDES:	SHEET 1 OF 1