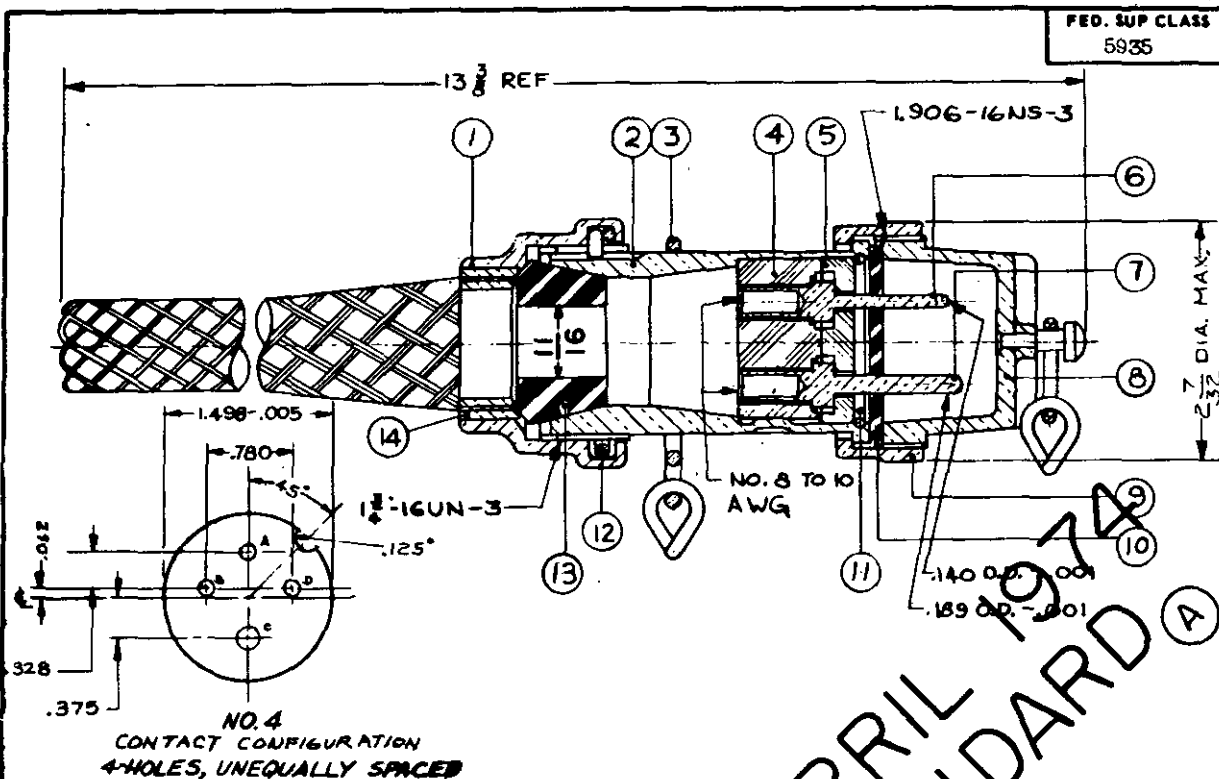


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FOR REFERENCE ONLY

COMPONENT	NOMENCLATURE	ORDNANCE PART NO.	NO. REQ'D
1	ADAPTER	5048701	1
2	SHELL, ELECTRICAL CONNECTOR	6177976	1
3	RING, CONNECTING, ROUND	5046706	1
4	INSULATOR, DISK	8202451	1
5	INSULATOR, DISK	8202452	1
6	CONTACT, ELECTRICAL	8202445	3
7	CONTACT, ELECTRICAL	8202444	1
8	COVER, ELECTRICAL CONNECTOR (RIVETED)	7652728	1
9	NUT, COUPLING	5182792	1
10	GASKET	8202450	1
11	RING, RETAINING	5182787	1
12	SPRING, TORSION	5046702	1
13	BUSHING, MOLDED	540619	1
14	GRIP, CABLE, WOVEN	7652730	1

NOTES:

- All dimensions in inches.
- Service Ratings (at sea level) = 500 DC volts.
= 275 AC volts.
= 60 amperes (max).
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- Referenced documents shall be of the issue in effect on date of invitations for bid.

PART NUMBER

MS 27164-1

Engineering Data:

Refer to **MS 27163** for matching female electrical plug connector.
Refer to **MS 27165** for matching female electrical receptacle connector.

P.A. ORD	TITLE	MILITARY STANDARD
Other Cust SHIPS	CONNECTOR, PLUG, ELECTRICAL- 4 CONDUCTOR TYPE I, STYLE P, CLASS 1 (500 VDC; 60 A)	MS27164
PROCUREMENT SPECIFICATION MIL-C-27699	SUPERSEDES:	SHEET 1 OF 1