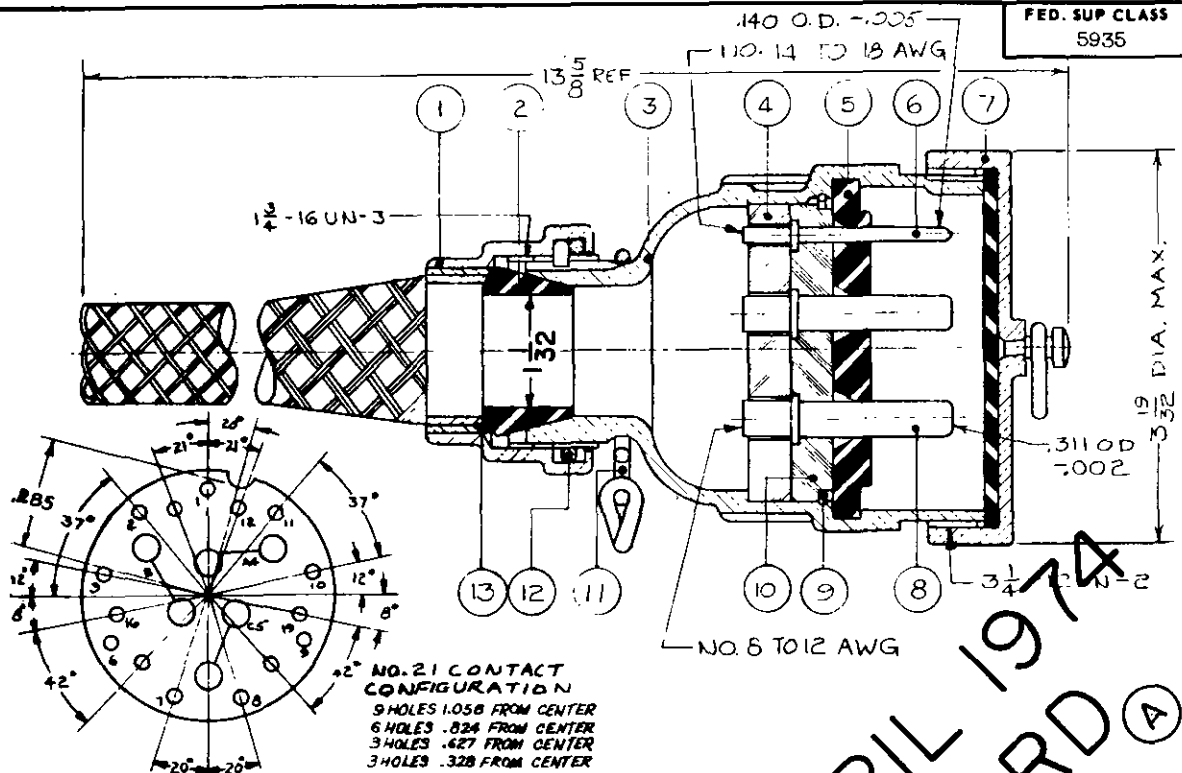


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FOR REFERENCE ONLY

COMPONENT	NOMENCLATURE	ORDNANCE PART NO.	NO. REQD
1	ADAPTER	5183467	1
2	BUSHING, MOLDED	540630	1
3	SHELL, ELECTRICAL CONNECTOR	5578607	1
4	INSULATOR, DISK	6173150	1
5	GASKET	6173323	1
6	CONTACT, ELECTRICAL	5183713	15
7	COVER, ELECTRICAL CONNECTOR (RIVETED AND CEMENTED)	7659729	1
8	CONTACT, ELECTRICAL	5183470	6
9	RING, RETAINING	5183444	1
10	INSULATOR, DISK	6173124	1
11	RING, CONNECTING, ROUND	5048706	1
12	SPRING, TORSION	5048702	1
13	GRIP, CABLE, WOVEN	8206675	1

NOTES:

- All dimensions in inches.
- Service Ratings (at sea level) = 200 DC volts.
150 AC volts.
= 30 amperes (max) for small contact.
= 45 amperes (max) for large contact.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- Reference documents shall be of the issue in effect on date of invitations for bid.

Engineering Data:

Refer to MS 27171
Refer to MS 27173

for matching female electrical plug connector.
for matching female electrical receptacle connector.

PART NUMBER

MS 27172-1

P.A. ORD Other Cust SHIPS	TITLE CONNECTOR, PLUG, ELECTRICAL - 21 CONDUCTOR TYPE I, STYLE P, CLASS 1 (200 VDC; 45A, 30A)	MILITARY STANDARD MS 27172 SHEET 1 OF 1
PROCUREMENT SPECIFICATION MIL-C-27699	SUPERSEDES:	