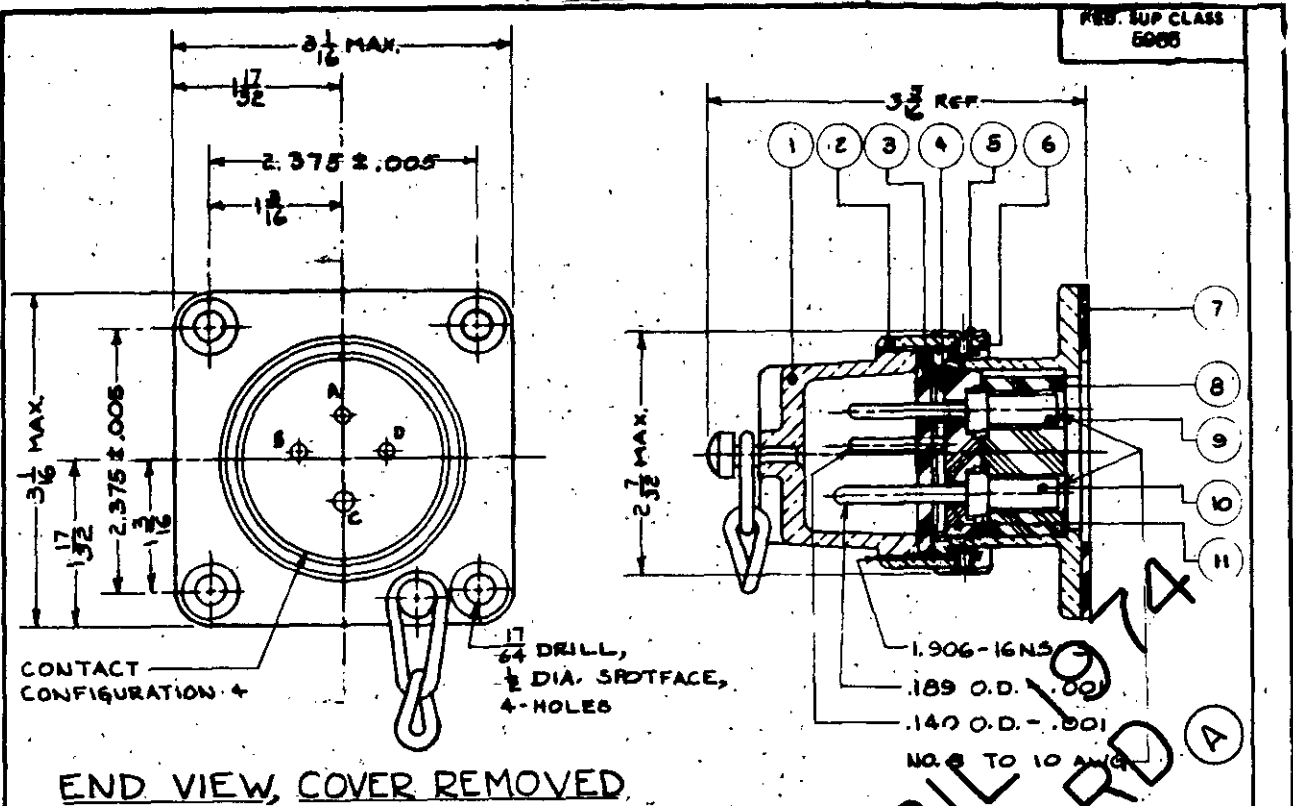


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This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.



FOR REFERENCE ONLY

COMPONENT	NOMENCLATURE	ORDNANCE PART NO.	NO. REQD
1	SHELL, ELECTRICAL CONNECTOR (RIVETED)	8202437	1
2	NUT, COUPLING	5203162	1
3	GASKET	8202450	1
4	RING, RETAINING	5182787	1
5	SCREW, MACH, FLAT HD.	421386	4
6	SHOE	5203161	4
7	GASKET	5182794	1
8	INSULATOR, DISK	8202451	1
9	CONTACT, ELECTRICAL	8202445	3
10	CONTACT, ELECTRICAL	8202444	1
11	INSULATOR, DISK	8202452	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
MS27166-1

Engineering Data:

Refer to MS 27163 for matching female electrical plug connector.

P.A. ORD Other Cost SHIPS	TITLE CONNECTOR, RECEPTACLE, ELECTRICAL- 4 CONDUCTOR TYPE I, STYLE P (500 VDC; 60 A)	MILITARY STANDARD MS 27166
PROCUREMENT SPECIFICATION MIL-C-27699	SUPERSEDES:	SHEET 1 OF 1