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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.

FED. SUP CLASS 5935			
<p>3 9/16 MAX. 2.875 ± .005 1 1/2 3 1/4 MAX. 1 1/2 REF 3/4-12 UN-2 NO. 2 TO 1 AWG</p> <p>DRILL, DIA SPOTFACE 3 HOLES CONTACT CONFIGURATION 3 END VIEW, COVER REMOVED</p>			
FOR REFERENCE ONLY			
COMPONENT	NOMENCLATURE	ORDNANCE PART NO.	NO. REJ
1	COVER, ELECTRICAL CONNECTOR (RIVETED)	6173325	1
2	RING, RETAINING	5183444	1
3	INSULATOR, DISK	6173160	1
4	NUT, COUPLING	6173153	1
5	SCREW, MACH. FLAT HD.	421367	4
6	INSULATOR, DISK	6173145	1
7	CONTACT, ELECTRICAL	5183456	3
8	GASKET	5183447	1
9	SHOE	5183450	4
10	GASKET	5183448	1
11	SHELL, ELECTRICAL CONNECTOR	5578609	1
NOTES:		PART NUMBER MS 27161-1	
<p>1. All dimensions in inches.</p> <p>2. Service Ratings (at sea level) = 500 DC volts. = 275 AC volts. = 200 amperes (max).</p> <p>3. For design feature purposes, this standard takes precedence over procurement documents referenced herein.</p> <p>4. Referenced documents shall be of the issue in effect on date of invitations for bid.</p>			
Engineering Data:			
Refer to MS 27160 for matching male electrical plug connector.			
P.A. ORD Other Cast SHIPS	TITLE CONNECTOR, RECEPTACLE, ELECTRICAL- 3 CONDUCTOR TYPE I, STYLE S (500 VDC; 200A)		MILITARY STANDARD MS 27161
PROCUREMENT SPECIFICATION MIL-C- 27699	SUPERSEDES:		SHEET 1 OF 1