

Army - AF, MC
Navy - EC, MC, OS
Air Force - 11, 15, 17, 80
DOD - FS

Review with
to discuss

The military standard is to be approved for use by all DoD components and Agencies of the Department of Defense. It is to be used for engineering and for procurement purposes and for reporting and for other purposes as may be required by the Department of Defense. It is to be used for engineering and for procurement purposes and for reporting and for other purposes as may be required by the Department of Defense.

FED SUP CLASS 5835	
<p>MARKING (EITHER LOCATION)</p> <p>238⁺ 008 - 010</p> <p>053⁺ 005 - 011</p> <p>375 MAX</p> <p>XX</p> <p>V DIA</p> <p>008- 012X45°±2°</p> <p>.317 ±.005</p> <p>.031⁺ 016 -.005</p> <p>STYLE P</p>	
<p>CLASS Y</p> <p>120° BSC</p> <p>80° BSC</p> <p>428± 005</p> <p>116 MAX</p> <p>359 MAX</p> <p>008- 012 X 45°±2°</p> <p>031⁺ 016 -.005</p> <p>V DIA</p> <p>317⁺ 010 005</p> <p>STYLE S</p> <p>FOR DETAILS OF CONNECTOR FRONT END CONFIGURATION SEE PROCUREMENT SPECIFICATION</p>	
<p>EXAMPLE OF PART NUMBER</p> <p>MS27478 Y 24 E 61 P A</p> <p>MS NO CLASS SHELL SIZE FINISH (COLOR) INSERT ARR NO STYLE (P OR S) POLARIZATION NO LETTER REQUIRED FOR NORMAL</p>	
<p>(E) FOR CHANGES SEE SHEETS 1 & 2</p>	
<p>PA AF-35</p> <p>Other Cust ARMY-EL NAVY-AS</p> <p>Procurement Specification MIL-C-36399</p>	<p>International Interest</p> <p>TITLE CONNECTOR, RECEPTACLE, ELECTRICAL SOLDER MOUNTING, SOLDER TYPE, HERMETIC SEAL, SERIES II</p> <p>SUPERSEDES MS27478 (USAF,</p>
<p>MILITARY STANDARD MS27478</p> <p>SHEET 1 OF 2</p>	

APPROVED 8 SEP 66 REVISED (D) 13 AUG 74 (E) 2 JAN 1976

FED SUP CLASS
5935

SHELL SIZE	Q - 011 - 010 DIA	V - 001 - 003 DIA	XX MAX
8	687	562	125
10	797	672	
12	906	781	
14	1 031	906	
16	1 156	1 031	
18	1 281	1 156	
20	1 375	1 250	
22	1 500	1 375	156
24	1 625	1 500	

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
001	.03	.016	.41	.359	9.12	.906	23.01
003	.08	.031	.79	.375	9.53	1.031	26.19
005	.13	.053	1.35	.428	10.87	1.156	29.36
007	.18	.116	2.95	.562	14.27	1.250	31.75
008	.20	.125	3.18	.672	17.07	1.281	32.54
010	.25	.156	3.96	.687	17.45	1.375	34.93
011	.28	.238	6.05	.781	19.84	1.500	38.10
012	.30	.317	8.05	.797	20.24	1.625	41.28

NOTES

- 1 Dimensions are in inches
- 2 Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm
- (E) 3 For main keyway and keyway positions, see MIL-C-28099
- 4 For design feature purposes this standard takes precedence over documents referenced herein
- 5 Referenced documents shall be of the issue in effect on date of invitation for bid

PA AF-85	International Interest	TITLE CONNECTOR, RECEPTACLE ELECTRICAL SOLDER MOUNTING SOLDER TYPE HERMETIC SEAL SERIES II.	MILITARY STANDARD
Other Cust ARMY - EL NAVY - AS			MS 27478
Procurement Specification MIL-C-38099		SUPERSEDES	SHEET 2 OF 2