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Reviewer activities. Army - MI, AR  
Navy - EC, MC, OS  
Air Force - 11, 15, 17, 99  
DLA - ES

User activities: Army -  
Navy -  
Air Force -  
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FED SUP CLASS 5935																	
<p>EQUAL WITHIN .015 (8 PLACES)</p> <p>80° BSC 120° BSC TYP 4 HOLES</p> <p>CHAMFERED or ROUNDED (4 PLACES)</p> <p>⊕ H (M) GG (M) .005 DIA (M)</p>	<p>322 + .000 - .005</p> <p>.516 MAX</p> <p>.058 + .011 .000</p> <p>.266 MAX</p> <p>M DIA</p> <p>.008 - .012 x 45° ± 2°</p> <p>STYLE P</p>																
<p>MARKING SURFACE (EITHER LOCATION)</p> <p>STYLE S</p> <p>FOR DETAILS OF CONNECTOR FRONT END CONFIGURATION SEE PROCUREMENT SPECIFICATION</p>																	
<p>EXAMPLE OF PART NUMBER</p> <table border="1" style="margin: auto;"> <tr> <td>MS</td> <td>27513</td> <td>E</td> <td>24</td> <td>F</td> <td>61</td> <td>P</td> <td>A</td> </tr> <tr> <td>MS NO</td> <td>CLASS</td> <td>SHELL SIZE</td> <td>FINISH (COLOR)</td> <td>INSERT ARR NUMBER</td> <td>STYLE (P OR S)</td> <td colspan="2">POLARIZATION NO LETTER REQUIRED FOR NORMAL</td> </tr> </table>		MS	27513	E	24	F	61	P	A	MS NO	CLASS	SHELL SIZE	FINISH (COLOR)	INSERT ARR NUMBER	STYLE (P OR S)	POLARIZATION NO LETTER REQUIRED FOR NORMAL	
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<p>ⓓ FOR CHANGES SEE SHEETS 1 &amp; 2</p>																	
<p>PA AF-85</p> <p>Other Cust ARMY-CR NAVY-AS</p> <p>Procurement Specification MIL-C-38999</p>	<table border="1" style="width: 100%;"> <tr> <td style="width: 15%; padding: 5px;">International Interest</td> <td style="width: 45%; padding: 5px;"> <p>TITLE</p> <p>CONNECTOR, RECEPTACLE, ELECTRICAL, BOX MOUNTING FLANGE, CRIMP TYPE BAYONET COUPLING, SERIES II</p> </td> <td style="width: 40%; padding: 5px;"> <p>MILITARY STANDARD</p> <p>MS 27513</p> </td> </tr> <tr> <td colspan="2" style="padding: 5px;"> <p>SUPERSEDES:</p> <p>MS27513 (USAF)</p> </td> <td style="padding: 5px;"> <p>SHEET 1 OF 2</p> </td> </tr> </table>	International Interest	<p>TITLE</p> <p>CONNECTOR, RECEPTACLE, ELECTRICAL, BOX MOUNTING FLANGE, CRIMP TYPE BAYONET COUPLING, SERIES II</p>	<p>MILITARY STANDARD</p> <p>MS 27513</p>	<p>SUPERSEDES:</p> <p>MS27513 (USAF)</p>		<p>SHEET 1 OF 2</p>										
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SHELL SIZE	L MAX	M DIA MAX	R BSC	S MAX	T DIA + 010 - 005
8	.312	.453	.297	.828	120
10	↑	.578	.3595	.954	↑
12		.703	.406	1.047	
14		.828	.453	1.141	
16		.953	.4845	1.234	
18		1.062	.531	1.328	↓
20		1.188	.578	1.453	.120
22	↓	1.312	.625	1.578	.120
24	.312	1.438	.6875	1.703	.147

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.005	.03	.223	5.66	.6875	17.46	1.328	33.73
.007	.18	.266	6.76	.703	17.86	1.391	35.33
.008	.20	.297	7.54	.828	21.03	1.438	36.53
.010	.25	.312	7.92	.953	24.21	1.453	36.91
.012	.30	.322	8.18	.954	24.23	1.516	38.51
.015	.38	.3595	9.13	1.047	26.59	1.578	40.08
.036	.91	.406	10.31	1.062	26.97	1.641	41.68
.058	1.47	.453	11.51	1.078	27.38	1.703	43.26
.069	1.75	.4845	12.31	1.141	28.98	1.766	44.86
.120	3.05	.516	13.11	1.188	30.18	1.891	48.03
.139	3.53	.531	13.49	1.234	31.34	2.016	51.21
.147	3.73	.578	14.68	1.266	32.16	2.204	55.98
		.625	15.88	1.312	33.32		

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. For main keyway and keyway positions, see MIL-C-38999.
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.
6. The gage feature for GG shall be .010 ( .25 mm) smaller than the MMC size at basic location.

PA AF-85	International Interest	TITLE CONNECTOR, RECEPTACLE, ELECTRICAL, BOX MOUNTING FLANGE, CRIMP TYPE BAYONET COUPLING, SERIES II	MILITARY STANDARD
Other Cust ARMY-CR NAVY-AS			MS 27513
Procurement Specification MIL-C-38999	SUPERSEDES:	MS 27513(USAF)	SHEET 2 OF 2

DD FORM 672  
1 SEP 63

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 3 SEP 68 REVISED (D) FOR CHANGES SEE SHEETS 1 &amp; 2

FED SUP CLASS  
5935