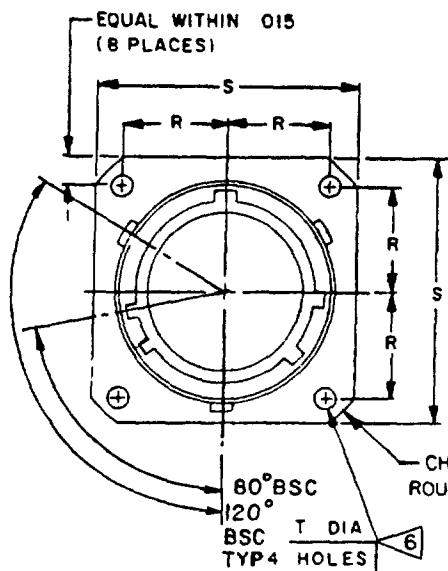


This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

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

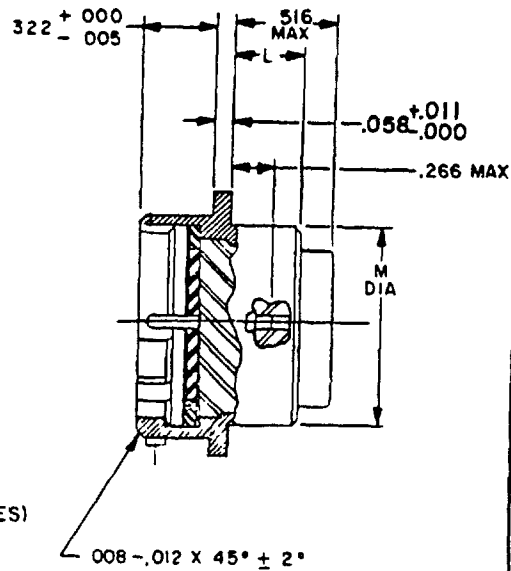
User activities: Army -
Navy -
Air Force -

FED SUP CLASS
5935



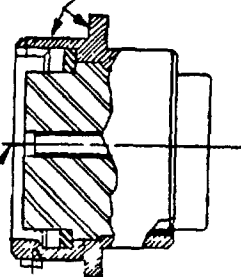
⊕ H (M) GG (M) .005 DIA (M)

CHAMFERED or
ROUNDED (4 PLACES)



STYLE P

MARKING SURFACE (EITHER LOCATION)



STYLE S

FOR DETAILS OF CONNECTOR
FRONT END CONFIGURATION
SEE PROCUREMENT SPECIFICATION

EXAMPLE OF PART NUMBER

MS 27513 E 24 F 61 P A						
MS	CLASS	SHELL	FINISH	INSERT	STYLE	POLARIZATION
NO		SIZE	(COLOR)	ARR	(P OR S)	NO LETTER
				NUMBER		REQUIRED
						FOR NORMAL

ⓓ FOR CHANGES SEE SHEETS 1 & 2

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:	MS27513 (USAF)	SHEET 1 OF 2

DD FORM 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5935-3367-7

APPROVED 3 SEP 68 REVISED (B) 13 AUG 74 (C) 2 JAN 1976 (D) 15 JUNE 1984

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

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

Reviewer activities -
User activities -
Army -
Navy -
Air Force -

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
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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

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5935