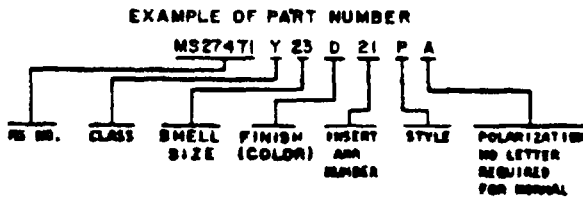
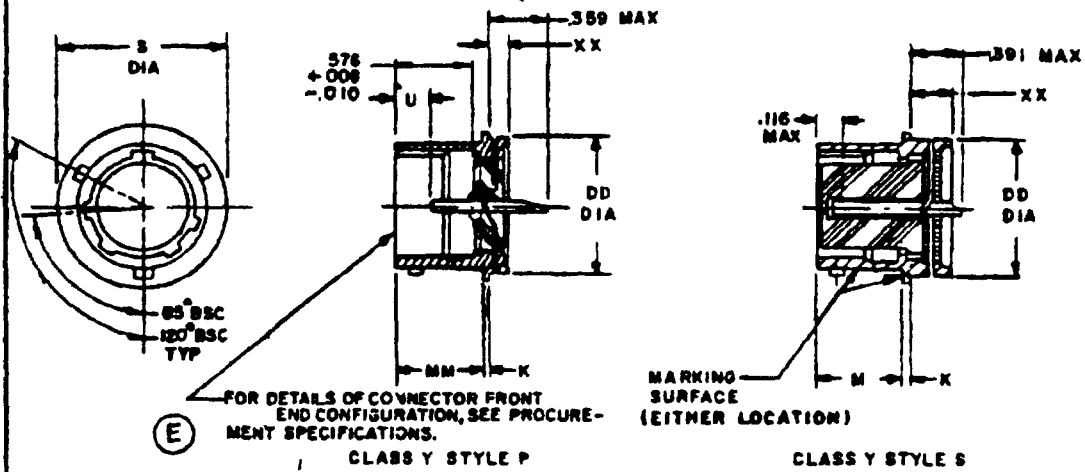


FED SUP CLASS
5935

Reviewer activities: Army - ML, MU
Navy - EC, MC, OS
Air Force - 11, 15, 17, 80
DSA - E3

User activities: Army -
Navy -
Air Force -



(E) FOR CHANGES SEE SHEETS 1 & 2

PA AF-85	International Interest	TITLE CONNECTOR, RECEPTACLE, ELECTRICAL	MILITARY STANDARD
Other Cust ARMY-EL NAVY-AS		SOLDER MOUNTING, SOLDER TYPE, HERMETIC SEAL, SERIES I	MS27471
Procurement Specification MIL-C-38999		SUPERSEDES MS27471 (USAF)	SHEET 1 OF 2

DD FORM 672
1 SEP 63

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5935-2005-12

APPROVED 8 SEP 1966 REVISED (D) 13 AUG 74 (E) 2 JAN 1976

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.

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5935

SHELL SIZE	K +.016 -.005	M +.031 -.000	MM +.031 -.000	DD DIA +.001 -.005	S DIA ±.016 O.D	U +.005 -.011	XX MAX
9	↑ ↓ .031 ↓	↑ ↓ .747 ↓	↑ ↓ .659 ↓	672	.750	↑ ↓ .390 ↓	↑ ↓ .187 ↓ ↑ ↓ .218 ↓ ↑ ↓ .218
11				.781	.844		
13				.906	.969		
15				1.031	1.094		
17				1.156	1.218		
19				1.250	1.312		
21				1.375	1.438		
23				1.500	1.563		
25				1.625	1.688		

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.001	.03	.116	2.95	.672	17.07	1.156	29.36
.004	.10	.126	3.18	.747	18.97	1.218	30.94
.005	.13	.187	4.75	.750	19.05	1.250	31.75
.008	.20	.218	5.54	.781	19.84	1.312	33.32
.010	.25	.359	9.12	.844	21.44	1.375	34.93
.011	.29	.390	9.91	.906	23.01	1.438	36.53
.016	.41	.391	9.93	.969	24.61	1.500	38.10
.031	.79	.576	14.63	1.031	26.19	1.563	39.70
.063	1.60	.659	16.74	1.094	27.79	1.625	41.28
						1.688	42.88

NOTES.

- Dimensions are in inches.
- Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.
- For main keyway and keyway positions, see MIL-C-38999.
- Diameters DD and S shall be concentric within .015 T.I R.
- For design feature purposes, this standard takes precedence over documents referenced herein.
- Referenced documents shall be of the issue in effect on date of invitation for bid.

P A AF-85	International interest	TITLE CONNECTOR, RECEPTACLE, ELECTRICAL SOLDER MOUNTING, SOLDER TYPE, HERMETIC SEAL, SERIES I	MILITARY STANDARD
Other Cust ARMY-EL NAVY AS			MS2747I
Procurement Specification MIL-C-38999		SUPERSEDES:	SHEET 2 OF 2

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

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, MU; Navy - EC, NC, OS; Air Force - II, IS, I7, 80; DSA - ES

User activities: Army - ; Navy - ; Air Force -

APPROVED 8 SEP 1966 REVISED 13 AUG 74 FOR CHANGES SEE SHEETS 1 & 2