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Review activities: Army - MI, MU  
Navy - EC, MC  
Air Force - 11, 13, 17, 99  
DLA - ES

User activities: Army -  
Navy -  
Air Force -

SHELL SIZE	Q MAX	R BSC	S MAX	T +.010 -.005	AB MAX DIA	F MAX
8	1.078	.297	.828	↑	.547	↑
10	1.266	.3595	.954		.672	
12	1.391	.406	1.047		.844	.146
14	1.516	.453	1.141	.120	.969	
16	1.641	.4845	1.234		1.094	
18	1.766	.531	1.328		1.219	↓
20	1.891	.578	1.453		1.344	↑
22	2.016	.625	1.578	↓	1.469	.168
24	2.204	.6875	1.703	.147	1.594	↓

SHELL SIZE	LE MAX LENGTH	LP MAX LENGTH	LT MAX LENGTH	LV MAX LENGTH	YY THREAD (PLATED) UNEF-2B SIZE
8					.500-28
10					.625-24
12					.750-20
14	.562	.641	.391	.562	.875-20
16					1.000-20
18					1.125-18
20					1.250-18
22					1.375-18
24		.703	.469		1.500-18

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 when applicable.

P.A AF - 85

International  
Interest

TITLE

CONNECTOR, RECEPTACLE, ELECTRICAL,  
BACK PANEL WALL MOUNTING FLANGE, CRIMP TYPE,  
BAYONET COUPLING, SERIES II

MILITARY STANDARD

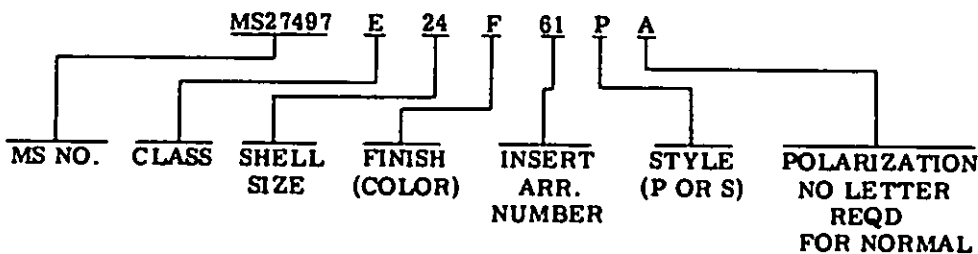
MS27497

Procurement Specification  
MIL-C-38999

SUPERSEDES:

MS0027497(USAF)

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EXAMPLE OF PART NUMBER

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.003	.08	.447	11.35	.828	21.03	1.359	34.52
.005	.13	.453	11.51	.844	21.44	1.375	34.92
.008	.20	.469	11.91	.859	21.82	1.391	35.33
.011	.28	.4845	12.306	.875	22.22	1.453	36.91
.012	.30	.500	12.70	.954	24.23	1.469	37.31
.015	.38	.531	13.49	.969	24.61	1.484	37.69
.020	.51	.547	13.89	.984	24.99	1.500	38.10
.036	.91	.562	14.27	1.047	26.59	1.516	38.51
.058	1.47	.578	14.68	1.078	27.38	1.578	40.08
.120	3.05	.609	15.47	1.094	27.79	1.594	40.49
.146	3.71	.625	15.88	1.125	28.58	1.609	40.87
.147	3.73	.641	16.28	1.141	28.98	1.641	41.68
.168	4.23	.672	17.07	1.219	30.96	1.703	43.26
.203	5.16	.6875	17.462	1.234	31.34	1.766	44.86
.297	7.54	.703	17.86	1.250	31.75	1.891	48.03
.322	8.18	.734	18.64	1.266	32.16	2.016	51.21
.3595	9.131	.750	19.05	1.328	33.73	2.204	55.98
.391	9.93			1.344	34.14		
.406	10.31						

NOTES:

- Dimensions are in inches.
- Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
- Class V assemblies meet the performance requirements of class E assemblies.
- Class V rear accessory thread of shell is internal.
- For main keyway and keyway positions, see MIL-C-38999.
- Class E rear accessory thread of shell is external.
- 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.
- The gage feature for GG shall be .010 (.25 mm) smaller than the MMC size at basic location.
- Maximum panel thickness including mounting hardware.

(L)

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P.A AF - 85	International Interest	TITLE CONNECTOR, RECEPTACLE, ELECTRICAL, BACK PANEL WALL MOUNTING FLANGE, CRIMP TYPE, BAYONET COUPLING, SERIES II	MILITARY STANDARD
Other Cust Army - CR Navy - AS			MS27497
Procurement Specification MIL-C-38999	SUPERSEDES:	MS0027497(USAF)	PAGE 3 OF 3

APPROVED 1 Aug 67 REVISED (K) For changes see page 1 (L) For changes see pages 2 and 3