

This military standard has been approved by the Department of the Air Force and is for use by that activity. All other military activities are required to employ this standard where suitable.

P.A. AF-85 Other Cust		International Interest	TITLE CONNECTOR, RECEPTACLE, ELECTRIC, WALL MOUNTING FLANGE, SOLDER TYPE, HERMETIC SEAL, SERIES II.		MILITARY STANDARD MS27482(USAF)	
Procurement Specification MIL-C-38999		SUPERSEDES:			SHEET 1 OF 2	
AMSC N/A		(LIMITED COORDINATION)		5935-F 319-03		

CANCELED FOR PROCUREMENT USE MS27475

CLASS Y STYLE P FINISH E

SHELL SIZE	A	B	C	D	L	N	Q	R	S	T	CC	WV	ZZ	FWR INSERT
8	.471	.561	.062	.162	.1078	.412	1.078	.297	.828	.010	.004	9/16-24	.403	27343, 27516
10	.590	.680	.078	.197	1.266	.540	1.266	.359	.954	.010	.004	11/16-24	.515	27344, 27517
12	.750	.840	.102	.272	.350	.629	1.391	.406	1.047	.120	.010	13/16-20	.629	27345, 27518
14	.975	1.065	.126	.357	.451	.814	1.516	.453	1.141	.120	.010	15/16-20	.754	27346, 27519
16	1.240	1.330	.150	.457	.551	.939	1.641	.485	1.234	.120	.010	1 1/16-18	.879	27347, 27520
18	1.475	1.565	.174	.572	.666	1.039	1.755	.531	1.328	.120	.010	1 3/16-18	.980	27348, 27521
20	1.710	1.800	.198	.697	.791	1.164	1.891	.578	1.453	.120	.010	1 5/16-18	1.105	27349, 27522
22	1.945	2.035	.222	.822	.916	1.289	2.016	.625	1.579	.120	.010	1 7/16-18	1.230	27350, 27523
24	2.180	2.270	.246	.947	1.041	1.414	2.204	.687	1.703	.120	.010	1 9/16-18	1.355	27351, 27524

EXAMPLE OF PART NUMBER:
MS27482 Y 24 E 51 P A

NOTES:
1. DIMENSIONS IN INCHES.
2. DIAMETERS A AND B SHALL BE CONCENTRIC WITHIN .015 T.I.R.
3. DIAMETER A WITH RESPECT TO DIAMETER B, AND DIAMETER B WITH RESPECT TO DIAMETER N, SHALL BE CONCENTRIC AT MMC.
4. NOMINAL KEYWAY POSITION. FOR OTHER KEYWAY POSITIONS SEE FIGURE 6 OF PROCUREMENT SPECIFICATION.
5. THE GAGE FEATURES FOR GG SHALL BE CC SMALLER THAN THEIR MMC SIZE AT BASIC LOCATION.
6. THE GAGE FEATURES FOR GG SHALL BE DD SMALLER THAN THEIR MMC SIZE AT BASIC LOCATION.

INACTIVE FOR NEW DESIGN AFTER 13 AUG 74

USE MS27475

THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

APPROVED 8-SEPT-66 REVISED 13 AUG 74 (E) 17 FEB 88

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

AMSC N/A

(LIMITED COORDINATION)

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