

USER SYMBOLS:

REVIEWER SYMBOLS:

"Review/user information is current as of the date of this document. For future coordination of changes to this document, draft circulation should be based on the information in the current ODD/ISS."

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

SHAPE OPTIONAL WITHIN LIMITS SPECIFIED		THD .750-10 UNC-2B		FED. SUP CLASS 5985	
		(a)		FACE MUST BE PERPENDICULAR TO AXIS OF THREADS AFTER TRIMMING	
24.0		2.50 ± .25		.6	
.06 OR CSK .90 ± .03x90°		.78 DIA.		(a)	
2.0 ± .5R		BODY		1.25 MAX DIA	
3.35 ± .05		3.9 R		1.04 ±.08 DIA	
1.23		1.67		.02	
.42		.85		R	
.25		3.9 R		(b)	
MS PART NO.		A		APPROVED 18 AUG 55	
MS25049-1A		MAX		REVISED (A) 18 JUNE 76	
MS25049-1B		MIN		REVISION 18 AUG 55	
(a) SUPPORT SLEEVE MS25056 IS A PART OF THE LEAD-THROUGH MAST FOR PROCUREMENT PURPOSES.		(b) MAST MAY BE HOLLOW IF PERFORMANCE IS NOT COMPROMISED.		TITLE	
(A) REVISED		USAF - 85		MAST, ANTENNA, LEAD-THROUGH	
P.A. NAVY - AS Other Cust		MIL-A-7965		MILITARY STANDARD MS25049	
PROCUREMENT SPECIFICATION		SUPERSEDES		SHEET 1 OF 2	
MS25049(ASG)		PLATE NO 22065		DD FORM 672-1 (Coordinated)	

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FED. SPEC. CLASS  
5985

## NOTES:

1. MATERIAL: BODY; GLASS FIBER REINFORCED, POLYESTER RESIN BINDER. MIL-R-7575 OR MATERIAL OF EQUAL OR BETTER MECHANICAL AND ELECTRICAL PROPERTIES AND SUITABLE FOR THE PURPOSE. SURFACE SHALL BE SMOOTH AND VOID FREE.
2. EXAMPLES OF PART NUMBERS: MS25049-1A = MAST, ANTENNA, LEAD-THROUGH, 7,500 VOLTS.  
MS25049-1B = MAST, ANTENNA, LEAD-THROUGH, 10,000 VOLTS.
3. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES ONE PLACE DECIMALS  $\pm .1$ , TWO-PLACE DECIMALS  $\pm .02$
4. THREADS SHALL CONFORM TO MIL-S-7742
5. MAXIMUM WEIGHT 3.50 POUNDS

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

P.A. NAVY - AS Other Cust  USAF - 85	TITLE  MAST, ANTENNA, LEAD-THROUGH	MILITARY STANDARD	
		MS25049	
PROCUREMENT SPECIFICATION MIL-A-7965	SUPERSEDES MS25049(ASG)	SHEET 2	OF 2

DD FORM 1 MAR 72 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PLATE NO. 2206

APPROVED 18 AUG 55 REVISED (A) FOR CHANGES SEE SHTS 1 &amp; 2