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ARMY - AT  
NAVY - ME, SH

REVIEWER SYMBOLS:  
USAF - 80, 82  
ARMY - AV

"Review/user information is to rest as of the date of this document  
For future appropriation of changes in this document draft circulation  
should be based on the information in the current 000155."

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

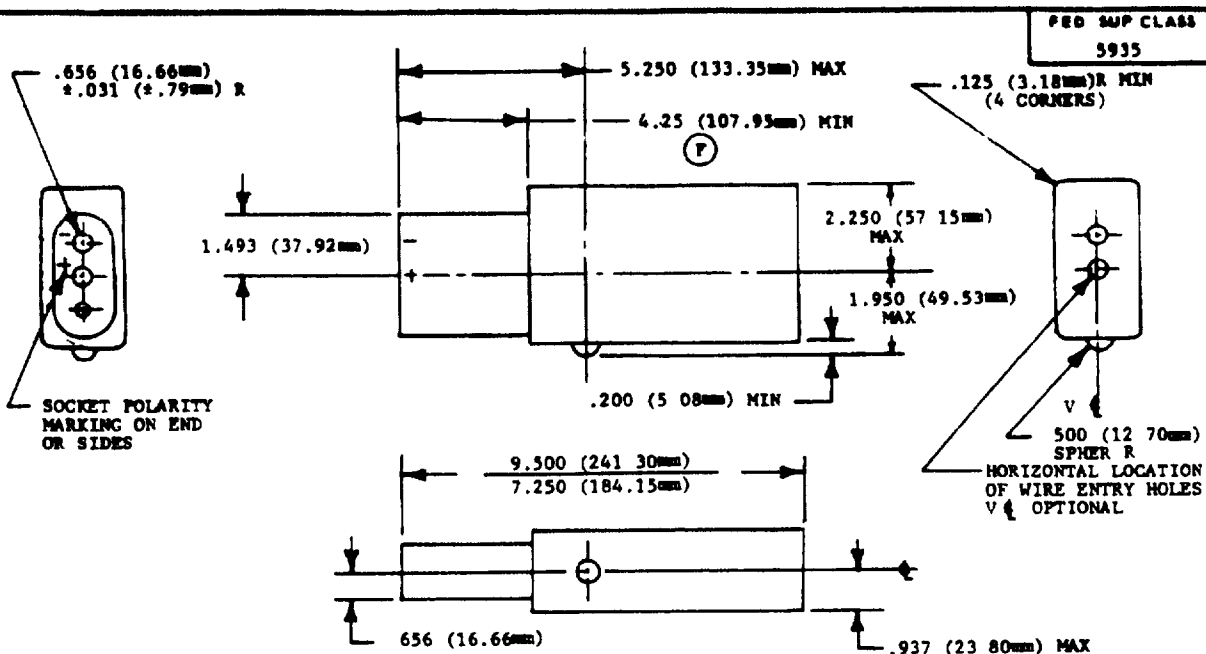


TABLE I		
PART NO	WIRE SIZE	SUPSEDES
MS25488-25	0	MS25488-2
MS25488-26	00	MS25488-3
MS25488-27	0000	MS25488-1, -4

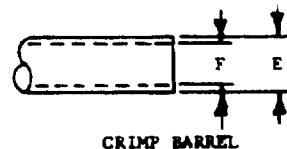


TABLE II				
WIRE SIZE	E DIA		F DIA	
	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
0	.578 (14.68mm)	.558 (14.17mm)	.458 (11.63mm)	.438 (11.13mm)
00	.640 (16.26mm)	.620 (15.75mm)	.520 (13.21mm)	.500 (12.70mm)
0000	.780 (19.81mm)	.760 (19.30mm)	.645 (16.38mm)	.622 (15.80mm)

#### NOTES

- 1 MATERIAL: SEE PROCUREMENT SPECIFICATION
- 2 MOLD OR STAMP WIRE SIZE ON CRIMP BARREL
- 3 DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. TOLERANCES DECIMALS  $\pm 0.025$  ( $\pm 0.64$ mm)
- 4 UNLESS OTHERWISE INDICATED, DIMENSIONS ARE SYMMETRICAL ABOUT CENTERLINES
- 5 THE SMALLER SOCKET SHALL BE CONNECTED TO THE "PLUS" LARGER SOCKET WITHIN THE PLUG, BY A COPPER OR BRASS JUMPER HAVING A CROSS SECTIONAL AREA OF AT LEAST 6530 CIRCULAR MILS.
- 6 EACH PLUG WHEN MATED WITH MS3506-1 RECEPTACLE, SHALL MEET ALL THE REQUIREMENTS OF THE PROCUREMENT SPECIFICATION.
- 7 SOCKET CONTACT CRIMP BARREL ENDS SHALL BE DESIGNED SO THAT THE PLUG MAY BE ATTACHED TO CABLES USING CRIMPING TOOLS SPECIFIED IN MS20659.
- 8 ONLY NONCORROSIVE HARDWARE SHALL BE USED IN THE MANUFACTURE OF THE PLUG

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 BIDS

(F) DENOTES CHANGES

P A NAVY - AS Other Cust  ARMY - EL USAF - 11	TITLE  CONNECTOR PLUG, ATTACHABLE EXTERNAL ELECTRIC POWER, AIRCRAFT 28 VOLT DC OPERATING POWER	MILITARY STANDARD	
		MS25488	
PROCUREMENT SPECIFICATION MIL-C-7974	SUPSEDES  SEE TABLE I	SHEET 1 OF 1	

DD FORM 672-1 (Coordinated)  
MAR 72

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PLATE NO 2304

APPROVED 29 APR 60 REVISED 21 AUG 75 2 MAR 80