

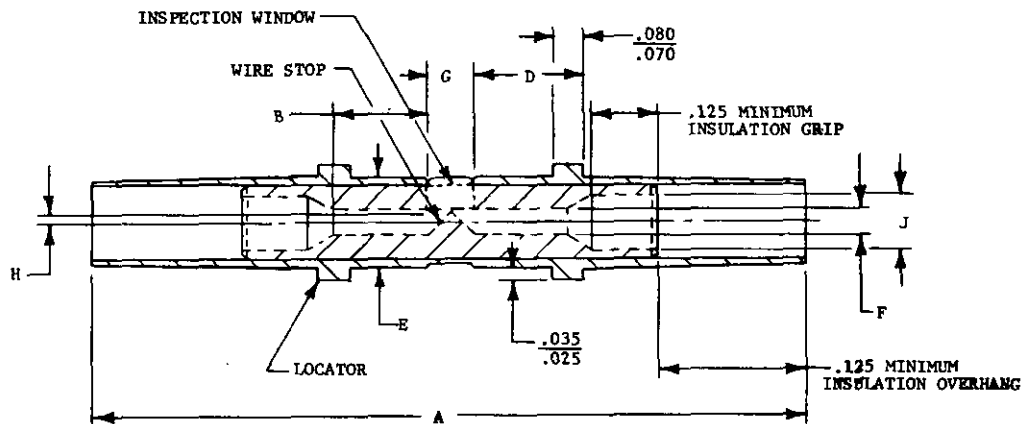
USER SYMBOLS:

REVIEWER SYMBOLS:

USAF-11,17
ARMY-80,AV,MI
NAVY-SH,EC

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

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.



DASH NO	WIRE SIZE	A MAX	B MIN	D ±.010	E DIA		F DIA		G ±.010	H MIN	J ±.005	INSULATING SLEEVE COLOR
					MIN	MAX	MIN	MAX				
1	22-18	1.526	.180	.235	.187	.210	.056	.062	.102	.012	.120	RED
2	16-14	1.526	.180	.235	.205	.230	.081	.090	.102	.015	.145	BLUE
3	12-10	1.903	.300	.325	.275	.300	.129	.135	.190	.020	.205	YELLOW
4	26-24	1.526	.180	.235	.190	.210	.027	.033	.102	.012	.090	YELLOW

QUALIFICATION TESTING: FOR QUALIFICATION, SPLICES SHALL BE TESTED WITH MIL-W-5086 ELECTRIC WIRE AND TOOLING AS FOLLOWS:

MS25037 AND MS90413 TOOLS FOR SIZES 26 THRU 14.
MS25037 AND MS3316 TOOLS FOR SIZES 12 THRU 10.

NOTES:

1. MATERIAL: COPPER TUBING, QQ-C-504 OR COMMERCIAL BRONZE PER ASTM B140, ALLOY B. INSULATING SLEEVE: NYLON, PER SPECIFICATION MIL-M-20693, TYPE I.
2. FINISH: METAL, TIN PLATED, SEE PROCUREMENT SPECIFICATION.
3. DIMENSIONS IN INCHES.
4. DIMENSION F TO BE DETERMINED AS THE AVERAGE OF TWO DIAMETERS MEASURED AT RIGHT ANGLES.
5. THE LOCATOR SHALL PROVIDE POSITIVE MEANS OF POSITIONING SPLICE IN MS25037 CRIMPING TOOL. CONTOUR MAY VARY FROM THAT SHOWN.
6. INSULATION GRIP AND WIRE BARREL MAY BE MULTIPLE PIECE CONSTRUCTION.

PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT ABC STD 12/13. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED, THE DEPARTMENTAL CUSTODIANS WILL INFORM THEIR RESPECTIVE DEPARTMENTAL OFFICES SO THAT APPROPRIATE ACTION MAY BE TAKEN RESPECTING THE INTERNATIONAL AGREEMENT CONCERNED.

- (L) CANCELED AFTER 30 NOVEMBER 1978. EXISTING STOCK MAY BE USED UNTIL EXHAUSTED. AS REPLACEMENT USE MIL-T-7928/3 WITH THE FOLLOWING EQUIVALENT DASH NUMBERS:

MS25181-1	M7928/3-2
-2	-3
-3	-4
-4	-1

THE GOVERNMENT HAS A ROYALTY FREE LICENSE UNDER UNITED STATES PATENTS D181,302 AND 2,832,816 FOR THE BENEFIT OF MANUFACTURERS OF THE ITEMS CALLED FOR IN THIS STANDARD EITHER FOR THE GOVERNMENT OR FOR USE IN EQUIPMENT TO BE DELIVERED TO THE GOVERNMENT.

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. NAVY-AS Other Cust	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
USAF-80 Army-EL	SEE NOTE	SPLICE, ELECTRIC, PERMANENT, CRIMP STYLE, COPPER, INSULATED, TYPE II, CLASS 1	MS25181
PROCUREMENT SPECIFICATION MIL-T-7928	SUPERSEDES:	SHEET 1 OF 1	