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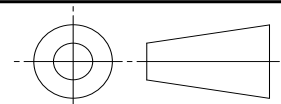
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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8D

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AEROSPACE STANDARD

WIRE, ELECTRICAL, SOLDERLESS WRAP, POLYIMIDE JACKET
OVER EXTRUDED POLYVINYL CHLORIDE (PVC) INSULATION,
TIN COATED SOLID CONDUCTOR

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	WIRE, ELECTRICAL, SOLDERLESS WRAP, POLYIMIDE JACKET OVER EXTRUDED POLYVINYL CHLORIDE (PVC) INSULATION, TIN COATED SOLID CONDUCTOR		

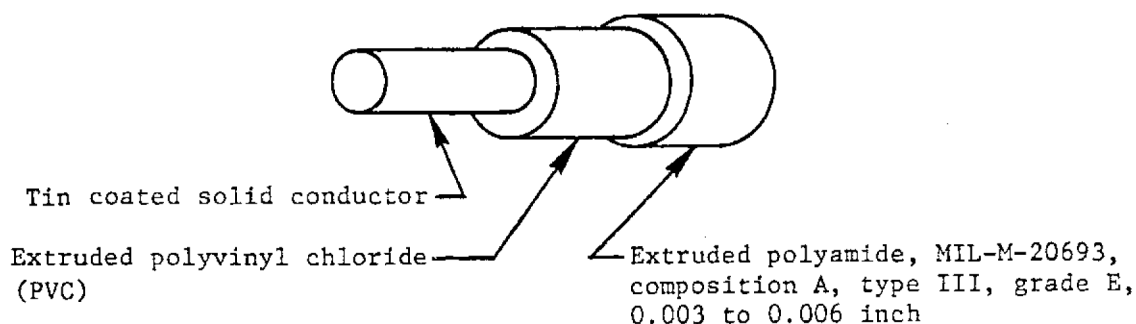


TABLE I. CONSTRUCTION AND PERFORMANCE DETAILS.

PART NO. 1/	WIRE SIZE (AWG)	FINISHED WIRE DIAMETER (INCHES)	FINISHED WEIGHT (LB/1,000 FT) (MAX)	CUT-THROUGH LOAD (GRAMS)	BEND TESTING			INSULATION PULL-OFF (LBS)
					MANDREL DIAMETER (INS.)		TENSION LOAD (LBS)	
					HEAT RESISTANCE	COLD BEND	COLD BEND	
M81822/7-X30-*	30	0.0340 ± .0020	0.84	1400	7/64	1.0	0.25	0.5 TO 2.5
M81822/7-X28-*	28	0.0370 ± .0020	1.11	1800	1/8	1.0	0.50	0.5 TO 2.5
M81822/7-X26-*	26	0.0400 ± .0020	1.47	2200	9/64	1.0	0.50	1 TO 4
M81822/7-X24-*	24	0.0450 ± .0020	2.08	2600	5/32	1.0	0.50	1 TO 4
M81822/7-X22-*	22	0.0490 ± .0020	2.91	2800	11/64	1.0	0.75	1 TO 6
M81822/7-X20-*	20	0.0560 ± .0020	4.30	2900	3/16	1.0	0.75	1 TO 6
M81822/7-X18-*	18	0.0640 ± .0030	6.44	3000	13/64	1.0	1.00	1 TO 6
1/ PART NO.: THE "X" IN THE GENERALIZED PART NUMBERS OF TABLE I SHALL BE REPLACED BY THE DESIGNATOR FOR THE CONDUCTOR TYPE AND THE ASTERISK SHALL BE REPLACED BY THE CODE DESIGNATOR FOR THE INSULATION COLOR. EXAMPLE: SIZE 22 WIRE WITH TYPE A (SOFT ANNEALED COPPER) CONDUCTOR AND WHITE INSULATION - M81822/7-A22-9.								

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