

11440579

P.5

SPECIFICATION CONTROL DRAWING

PART NO. 11440579

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES FRACTIONS ± ANGLES ± 3 PLACE DECIMALS ± 2 PLACE DECIMALS ±	Raytheon Raytheon Company Lexington MA 02173			U.S. ARMY MISSILE COMMAND REDSTONE ARSENAL, ALABAMA		
			Contract No. DAAK40-72-C-0106			WIRE, ELECTRICAL		
		MATERIAL	DATE 77-02-01					
			PREPARED	L.T.	77-02-03			
			CHECKED	T.W.W.	77-02-03			
			ENGINEER	F.A.C.	77-02-03			
11440570 PATRIOT		APPLICATION	SUBMITTED			SIZE	CAGE CODE	DRAWING NO.
NEXT ASSY USED ON			APPROVED BY ORDER OF COMMANDER USAMICOM W.A. MOELLER			C	18876	11440579
						SCALE	NONE	WT SEE NOTE 10
					SHEET 1 OF 1			

AUG 15 '96 02:34PM RES. PROCUREMENT

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NOTES:

1. DESCRIPTION: WIRE, ELECTRICAL SINGLE CONDUCTOR NO. 6 AWG. STRANDED, EXTRA FLEXIBLE, INSULATED, 300 VOLTS RMS, GROUND LEAD
2. CONDUCTOR: SINGLE NO. 6 AWG STRANDED, ROPE STRANDING CONSISTING OF SEVEN (7) GROUPS, 150 STRANDS NO. 36 AWG BARE COPPER WIRE IN ACCORDANCE WITH ASTM B3, IN EACH GROUP
3. INSULATION: CLEAR, TRANSPARENT SYNTHETIC RESIN, 60 DEGREES CELSIUS UNDERWRITERS LABORATORY RAT FLEXIBLE, WALL THICKNESS 0.020 PLUS 0.008 MINUS 0.002 SHALL CONFORM TO UNDERWRITERS LABORATORY STANDARD 83 CLASS TW FOR ORIGINAL AND AGED PROPERTIES
4. OVERALL DIAMETER: 0.265 MAXIMUM
5. VOLTAGE RATING: 300 VOLTS RMS
6. SPARK TEST: 2.6 KILOVOLTS (MINIMUM)
7. DIELECTRIC STRENGTH: 1.6 KILOVOLTS (MINIMUM)
8. IDENTIFY IAW MIL-STD-130
9. IDENTIFY ON REEL IAW MIL-C-12000
10. WEIGHT: 0.10 POUND MAXIMUM PER FOOT
11. WHEN ORDERING SPECIFY MINIMUM ACCEPTABLE CONTINUOUS LENGTH
12. QUALITY ASSURANCE PROVISIONS: AQL 1.5 PERCENT, LEVEL II, MIL-STD-105. ALL DIMENSIONS, MATERIAL, AND DIELECTRIC STRENGTH SHALL CONFORM TO
13. ITEMS FURNISHED TO THIS DRAWING SHALL BE REPRESENTATIVE OF A PRODUCT WHICH HAS BEEN ACCEPTED BY THE PROCURING ACTIVITY. NO SUBSTITUTION OF MATERIALS AND PROCESSES OR CHANGE IN DESIGN SHALL BE MADE WITHOUT PRIOR APPROVAL OF THE PROCURING ACTIVITY WHEN SUCH CHANGE AFFECTS INTERCHANGEABILITY WITH RESPECT TO INSTALLATION, PERFORMANCE, OR DESIGN WITHIN THE REQUIREMENTS OF THIS DRAWING
14. COMPUTERIZED DATA BASE PREPARED DRAWING

SUGGESTED SOURCE(S) OF SUPPLY:

CHESTER CABLE CORP
CAGE CODE 92504
CHESTER, NY 10918
MANUFACTURER'S PART NO: 6-6523-1050B

BOSTON INSULATED WIRE
CAGE CODE 71102
BOSTON MA, 02125
MANUFACTURER'S PART NO: 55856EP

INTERPRET DRAWING IN ACCORDANCE
WITH DOD-STD-100, ANSI Y14.5M-1982

4

REVISIONS			
ZONE	LTR	DESCRIPTION	DATE APPROVED
	A	←————→	91-05-12
	B	REDRAWN AND REVISED SEE ERR MI-J7743	91-10-25 <i>oed</i>

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