

APPLICATION		REVISIONS			
NEXT ASSY	USED ON	REV-	DESCRIPTION	DATE	APPROVED
		A	DCR#: D101210	10/26/12	CA

SOURCE CONTROL DRAWING

1.0 SCOPE:

THIS SPECIFICATION DETAILS THE REQUIREMENTS FOR A 2-CONDUCTOR, 20AWG, PVC INSULATED TWISTED PAIR.

2.0 APPLICABLE DOCUMENTS

ASTM D 3951 STANDARD PRACTICE FOR COMMERCIAL PACKAGING

3.0 ELEMENT 1: PRIMARY WIRE

CONDUCTOR: 20 AWG, 105/40, 7X15/40, TIN PLATED COPPER (ROHS AND REACH COMPLIANT)
 DCR: 11.2 Ω/1000FT
 INSULATION: PVC (ROHS AND REACH COMPLIANT)
 SPECIFIC GRAVITY: 1.28
 HARDNESS: 82/72 C
 DIELECTRIC: STRENGTH: 2500 PSI, ULTIMATE ELONGATION: 320
 WALL: 0.015" NOMINAL, CONCENTRICITY 70% MIN
 DIAMETER: 0.071" NOMINAL
 COLORS: DARK BLUE AND WHITE

4.0 CABLING: OVERALL

2 PRIMARY WIRES CABLED TOGETHER 1.42" LEFT HAND LAY TO 0.142" NOMINAL OD.

5.0 TESTING:

VISUAL: 100%
 CONTINUITY: 100%




6.0 ELECTRICAL CHARACTERISTICS:


RATING: 80°C, 300VAC, HORIZONTAL FLAME, OIL RESISTANT 60°C or 80°C (OPTIONAL)

7.0 CERTIFICATIONS:

UL: UL STYLE 1007

NCR: HA003165
 COLOR: Blue & White

	Functional Manufacturing =	0
	Functional Customer =	0
	Functional Performance =	1
Issued by:		Amy Wang
Date:		2013-12-11

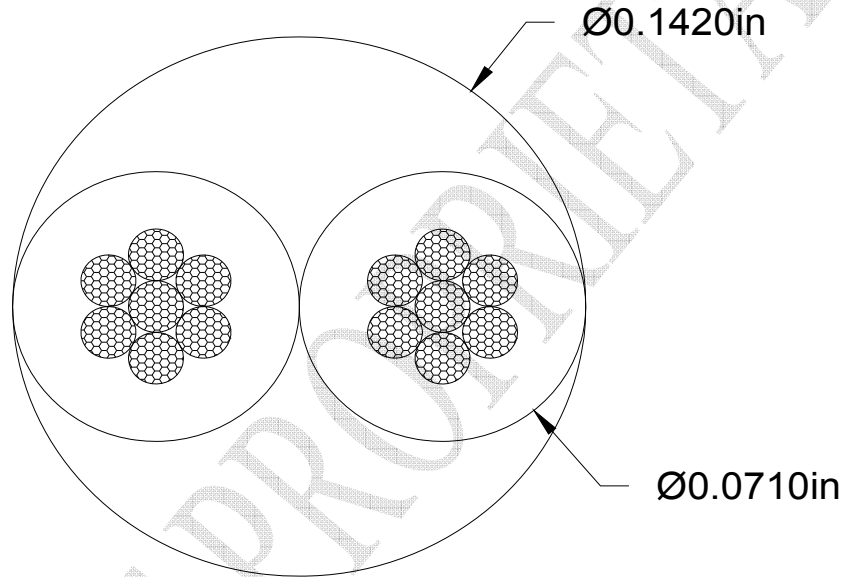
		CONTRACT NO.		CALMONT WIRE AND CABLE INC. 420 EAST ALTON AVENUE, SANTA ANA, CALIFORNIA 92707, USA TEL: 714-549-0336 • FAX: 714-549-4028 www.calmont.com					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVALS	DATE	TWISTED PAIR 2-CONDUCTOR, 20AWG, PVC INSULATED TWISTED PAIR						
	DRAWN BY: CLARK ALANO	10/26/12							
MATERIAL	CHECKED BY: HUNG TRAN	10/26/12							
FINISH	ISSUED BY: CLARK ALANO	10/26/12	SIZE	A	CAGE	24027	DWG NO.	3007-4967-01-12	REV. A
DRAWING NOT TO SCALE			SCALE	N/A				SHEET	1/2


SOURCE CONTROL DRAWING

8.0 PACKAGING:

CABLE TO BE PACKAGED IN SUCH A MANNER AS TO ASSURE PROTECTION FROM DAMAGE DURING NORMAL HANDLING AND STORAGE, IN ACCORDANCE WITH ASTM-D-3951.

9.0 CROSS-SECTIONAL DRAWING:



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			SCALE	N/A					SHEET 2/2