

APPLICATION		REVISIONS			
NEXT ASSY	USED ON	REV-	DESCRIPTION	DATE	APPROVED
		A	DCR#: D101208	10/26/12	CA

SOURCE CONTROL DRAWING

1.0 SCOPE:

THIS SPECIFICATION DETAILS THE REQUIREMENTS FOR A 1-CONDUCTOR, 16AWG, PVC INSULATED WIRE.

2.0 APPLICABLE DOCUMENTS

ASTM D 3951 STANDARD PRACTICE FOR COMMERCIAL PACKAGING

3.0 ELEMENT 1:

PRIMARY WIRE

CONDUCTOR: 16 AWG, 259/40, 7X37/40, TIN PLATED COPPER (ROHS AND REACH COMPLIANT)

DCR: 4.49 Ω/1000FT MAX.

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: 0.098" NOMINAL

COLOR: TBD PER CUSTOMER PURCHASE ORDER



NCR:HA003162

COLOR:black

4.0 TESTING:

VISUAL: 100%

CONTINUITY: 100%

5.0 ELECTRICAL CHARACTERISTICS:

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

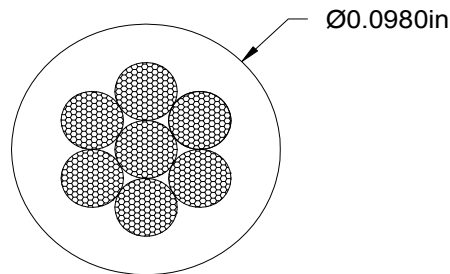
6.0 CERTIFICATIONS:

UL: UL STYLE 1007

7.0 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.

8.0 CROSS-SECTIONAL DRAWING:



	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	PRIMARY WIRE 1-CONDUCTOR, 16AWG, PVC INSULATED WIRE					
MATERIAL	DRAWN BY: CLARK ALANO	10/26/12							
FINISH	CHECKED BY: HUNG TRAN	10/26/12							
DRAWING NOT TO SCALE	ISSUED BY: CLARK ALANO	10/26/12	SIZE	A	CAGE	24027	DWG NO.	3007-4965-01-12	REV. A
			SCALE	N/A					SHEET 1/1