



LEGEND

- A. #16 AWG (19 x #29) SILVER PLATED COPPER.
- B. SEMICONDUCTIVE SILICONE.
- C. SILICONE RUBBER.
- D. SEMICONDUCTIVE INK & TAPE (0.0055 THK, 1/2 LAPPED).
- E. INNER SHIELD, #34 AWG T.C. 6/16, 86% COVERAGE.
- F. MYLAR TAPE, 0.002 THK & POLYOLEFIN, 0.025 WALL.
- G. OUTER SHIELD, #34 AWG T.C. 6/24, 90% COVERAGE.
- H. JACKET

RATING: MAIN LAYER 15KVAC RMS, 50KVDC
INTER SHIELD 1KVDC

JACKET TYPE	DEFINTION	COLOR	WALL	OD
N	NEOPRENE RUBBER	BLACK	0.06	0.540
S	SILICONE RUBBER	N/A	N/A	N/A
T	THERMOPLASTIC RUBBER	BLACK	0.04	0.500
V	VINYL	BLACK	0.05	0.520

REVISIONS

REV	ECO NUMBER	APPD	DATE
-	RELEASE DRAWING		

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UNLESS OTHERWISE SPECIFIED		DRAWN O. ABDULKY	DATE 11APR06
DIMENSIONS ARE IN INCHES TOLERANCE ON		CHECKED	DATE
DECIMALS .XX ±.01 .XXX ±.005	ANGLES ±	APPROVED	DATE
CONCENTRICITY .005 TIR REMOVE BURRS & SHARP EDGES ALL MACHINE SURFACES 125 \checkmark		MATERIAL	
		FINISH	

DIELECTRIC SCIENCES, INC
CHELMSFORD, MASSACHUSETTS 01824

HV TRIAXIAL CABLE, 1/C 16 AWG 50KVDC

SIZE A	FSCM NO. 50509	DWG NO. 2032TJ	REV
SCALE	SHEET 1 OF 1		