



LEGEND

- A. CORE CONDUCTORS
#16AWG(19X.0131") TINNED COPPER WITH .018 TEFZEL(BLACK) INSULATION
#16AWG(19X.0131") TINNED COPPER WITH .018 TEFZEL(WHITE) INSULATION
2X #18AWG(19X.0093") TINNED COPPER UNINSULATED
- B. SEMI CON EPR TO ϕ .240 .010 MIN WALL
- C. INSULATING EPR TO ϕ .980 \pm .020
- D. SEMI CON EPR TO ϕ 1.030 \pm .020
- E. SHIELD,.0063 TIN COATED COPPER BRAID 80% MINIMUM COVERAGE TO
- F. JACKET:PVC;BLACK TO ϕ 1.225 \pm .025
- G. TAPE: 2 MIL MYLAR 50% LAP TO ϕ .1.238 \pm .025
- H. SHIELD,#34 AWG T.C. 24 CARRIER. 11 ENDS/CARRIER 80% MINIMUM COVERAGE
- I. TAPE: 2 MIL MYLAR 50% LAP
- J. JACKET

JACKET TYPE	DEFINITION	COLOR	WALL	OD
N	NEOPRENE RUBBER	BLACK	0.06	1.398
S	SILICONE RUBBER	N/A	N/A	N/A
T	THERMOPLASTIC RUBBER	BLACK	0.100	1.478
V	VINYL	BLACK	0.100	1.478

REVISIONS

REV	ECO NUMBER	APPD	DATE
-	RELEASE DRAWING		

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UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCE ON
 DECIMALS ANGLES
 .XX \pm .01 \pm
 .XXX \pm .005
 CONCENTRICITY .005 TIR
 REMOVE BURRS & SHARP EDGES
 ALL MACHINE SURFACES 125 \checkmark

DRAWN \square ABDULKY DATE 23JUN06
 CHECKED DATE
 APPROVED DATE
 MATERIAL
 FINISH

DIELECTRIC SCIENCES, INC
 CHELMSFORD, MASSACHUSETTS 01824

HV TRIAXIAL CABLE, 3/C 16 AWG 230KVDC

SIZE A	FSCM NO. 50509	DWG NO. 2042TJ	REV
SCALE		SHEET OF	

