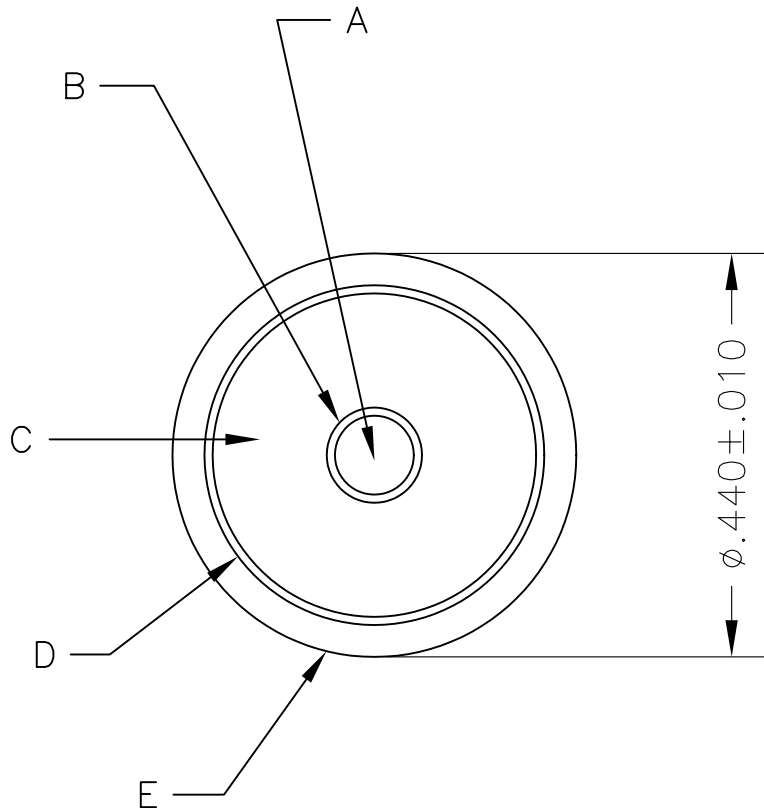




LEGEND

- A. #16 AWG (19/29) T.C.
- B. SEMICON POLYETHYLENE TO $\phi.100$
- C. INSULATING POLYETHYLENE TO $\phi.360 \pm .010$
- D. BRAIDED SHIELD, #34 AWG T.C. , 90% COV
9 ENDS, 24 CARRIER
- E. JACKET: PVC: BLACK

NOTES:

1. TEST VOLTAGE: 110KVDC- 10 MINUTES
2. JACKET SPARK TEST: 5KV

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REV	ECO NUMBER	APPD	DATE	UNLESS OTHERWISE SPECIFIED		DRAWN GPLAMBERT		DATE 15NOV00		DIELECTRIC SCIENCES,INC CHELMSFORD, MASSACHUSETTS 01824							
—	RELEASE DRAWING			DIMENSIONS ARE IN INCHES TOLERANCE ON DECIMALS ANGLES .XX ±.01 ± .XXX ±.005		CHECKED DJ LEARY		DATE 15NOV00									
						CONCENTRICITY .005 TIR REMOVE BURRS & SHARP EDGES ALL MACHINE SURFACES 125✓		APPROVED DJ LEARY		DATE 15NOV00		CABLE: HV; 100KVDC, 16AWG					
				MATERIAL													
						DO NOT SCALE THIS DRAWING		FINISH				SIZE		FSCM NO.		DWG NO.	
				A						50509		2124					
								SCALE				SHEET		1 OF 1			

DIELECTRIC SCIENCES INC.

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CABLE, H.V. SHIELDED

P/N: 2124

Working Voltage: 100 kVDC
kVAC

Test Voltage: 110 kVDC
kVAC

Dielectric: low density high molecular weight polyethylene

Jacket Material: polyvinyl chloride

Characteristic Impedance: 61 ohm

Capacitance: 30 pF/Ft.

Minimum Bend Radius: 6 inches

Minimum Ambient Temp: -60 °F -51 °C

Maximum Conductor Temp: 140 °F 60 °C

Maximum Relative Humidity: %

Weight: 0.1 lb/ft.

Conductors

Main H.V. #16 AWG (19x) (mm²)

Shield #13 AWG equivalence, #34 AWG tinned copper braid



A HIGH VOLTAGE TECHNOLOGY GROUP COMPANY

