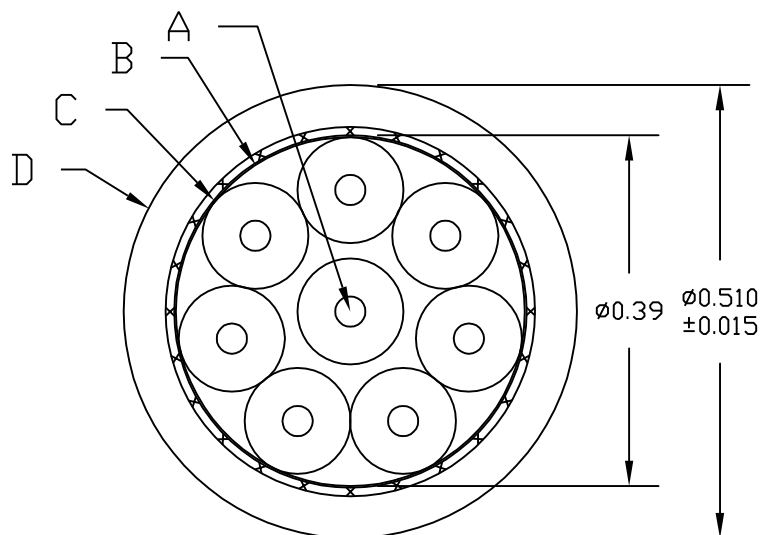




LEGEND:

- A. 8 X 20AWG SILICONE WIRES
DIA-0.126IN EACH (P/N 2185)
- B. BINDING MYLAR TAPE 1/2 LAPPED, .001 THK X 1" WIDE
OVER WHITE FILLER JUTE TO ENSURE ROUNDNESS TO $\phi 0.39$
- C. #36 AWG BRAID, 90% COVERAGE
- D. FLEXIBLE PVC JACKET, BLACK, 0.050 WALL TO $\phi 0.510 \pm 0.015$

REVISIONS

REVISIONS				THIS DOCUMENT AND THE INFORMATION CONTAINED IN IT ARE THE PROPERTY OF DIELECTRIC SCIENCES, INC AND SHALL NOT BE REPRODUCED OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OF APPARATUS WITHOUT PERMISSION.					
REV	ECO NUMBER	APPD	DATE	UNLESS OTHERWISE SPECIFIED	DRAWN D. ABDULKY	DATE 17 OCT 19	DIELECTRIC SCIENCES, INC CHELMSFORD, MASSACHUSETTS 01824		
—	RELEASE DRAWING			DIMENSIONS ARE IN INCHES TOLERANCE ON DECIMALS .XX ±.01 .XXX ±.005	CHECKED	DATE			
					ANGLES ±	APPROVED	DATE	8/C CABLE	
				CONCENTRICITY .005 TIR REMOVE BURRS & SHARP EDGES ALL MACHINE SURFACES 125✓	MATERIAL				
							FINISH		
				DO NOT SCALE THIS DRAWING	SIZE A	FSCM NO. 50509	DWG NO. 2381	REV	
					SCALE		SHEET	OF	

DIELECTRIC SCIENCES INC.

88 TURNPIKE ROAD, CHELMSFORD, MASSACHUSETTS 01824
TELEPHONE (978) 250-1507
FAX No. (978) 250-1699

CABLE, H.V. SHIELDED

P/N: 2381

Working Voltage: 15 kVDC

kVAC

Test Voltage: kVDC

kVAC

Dielectric: silicone

Jacket Material: polyvinyl chloride

Characteristic Impedance: 42 ohm

Capacitance: 43 pF/Ft.

Minimum Bend Radius: 6.0 inches

Minimum Ambient Temp: -60 °F -51 °C

Maximum Conductor Temp: 250 °F 121 °C

Maximum Relative Humidity: %

Weight: 0.16 lb/ft.

Conductors

Main H.V. 8x #20 AWG (10x) (mm²)

Shield #18 AWG equivalence, #36 AWG tinned copper braid



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