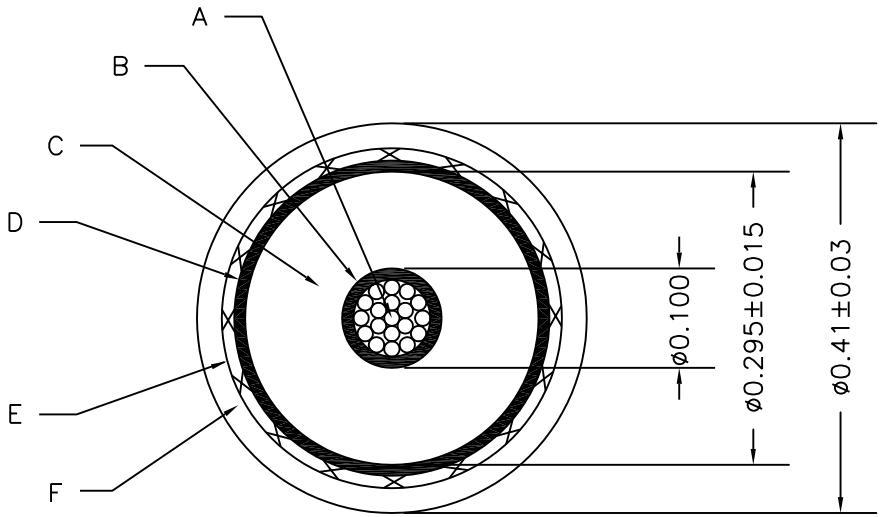
DWG NO.	2032STJ	REV



LEGEND

A. #16 AWG (19 x #29) SILVER PLATED COPPER.

B. SEMICONDUCTIVE SILICONE RUBBER, BLACK.

C. INSULATION, SILICONE RUBBER, WHITE.

D. SEMICONDUCTIVE INK & TAPE (0.0055 THK, 1/2 LAPPED).

E. SHIELD, #34 AWG T.C. 6/16, 86% COVERAGE.

F. JACKET, THERMOPLASTIC RUBBER, BLACK, 0.04 WALL.

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

REVISIONS

REV	ECO NUMBER	APPD	DATE
–	RELEASE DRAWING		

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES
TOLERANCE ON

DECIMALS	ANGLES
.XX ±.01	±
.XXX ±.005	

CONCENTRICITY .005 TIR
REMOVE BURRS & SHARP EDGES
ALL MACHINE SURFACES 125√

DRAWN	O. ABDULKY	DATE 30OCT07
CHECKED		DATE
APPROVED		DATE
MATERIAL		
FINISH		

DIELECTRIC SCIENCES,INC
CHELMSFORD, MASSACHUSETTS 01824

HV COAXIAL CABLE, 16 AWG

SIZE	FSCM NO.	DWG NO.	REV
A	50509	2032STJ	

SCALE

SHEET 1 OF 1

DIELECTRIC SCIENCES INC.

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

CABLE, H.V. SHIELDED

P/N: 2032STJ

Working Voltage:			50	kVDC
			17	kVAC
Test Voltage:			55	kVDC
				kVAC
Dielectric:	Silicone rubber			
Jacket Material:	Thermoplastic Rubber			
Characteristic Impedance:			50	ohm
Capacitance:			44	pF/Ft.
Minimum Bend Radius:			1	inches
Minimum Ambient Temp:	-85	°F	-65	°C
Maximum Conductor Temp:	392	°F	200	°C
Maximum Relative Humidity:				%
Weight:	0.10	lb/ft.		

Conductors

Main H.V. #16 AWG (19x) (mm^2)

Shield #17 AWG equivalence, #34 AWG tinned copper braid