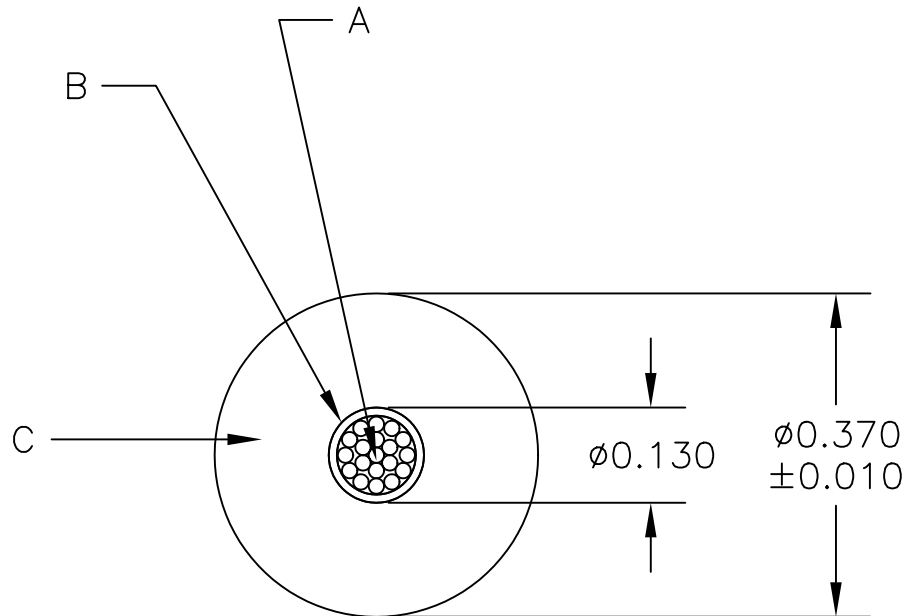




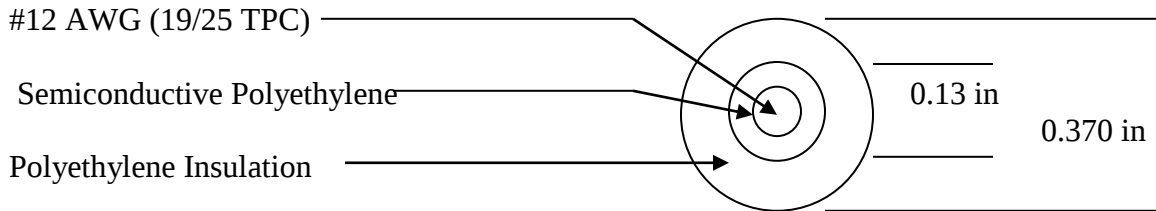
LEGEND

- A. #12 AWG (19/25) TIN PLATED COPPER
B. SEMICON POLYETHYLENE TO $\phi.130$
C. INSULATING POLYETHYLENE TO $\phi.370 \pm .010$

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 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: 1/C, #12 AWG, 100 KVDC					
				DO NOT SCALE THIS DRAWING				MATERIAL									
								FINISH				SIZE A		FSCM NO. 50509		DWG NO. 2125A	
												SCALE				SHEET 1 OF 1	

DIELECTRIC SCIENCES, INC
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P/N 2125A



Working Voltage:	100 KVDC
Dielectric:	LDHMW polyethylene
Characteristic Impedance:	48 Ohms
Capacitance:	37 pF/ft
Minimum Bend Radius	5.0 inches
Minimum Ambient Temp.:	-60F -50C
Maximum Conductor Temp.:	140F 60C
Weight:	0.06 lb/ft 0.09 kg/m