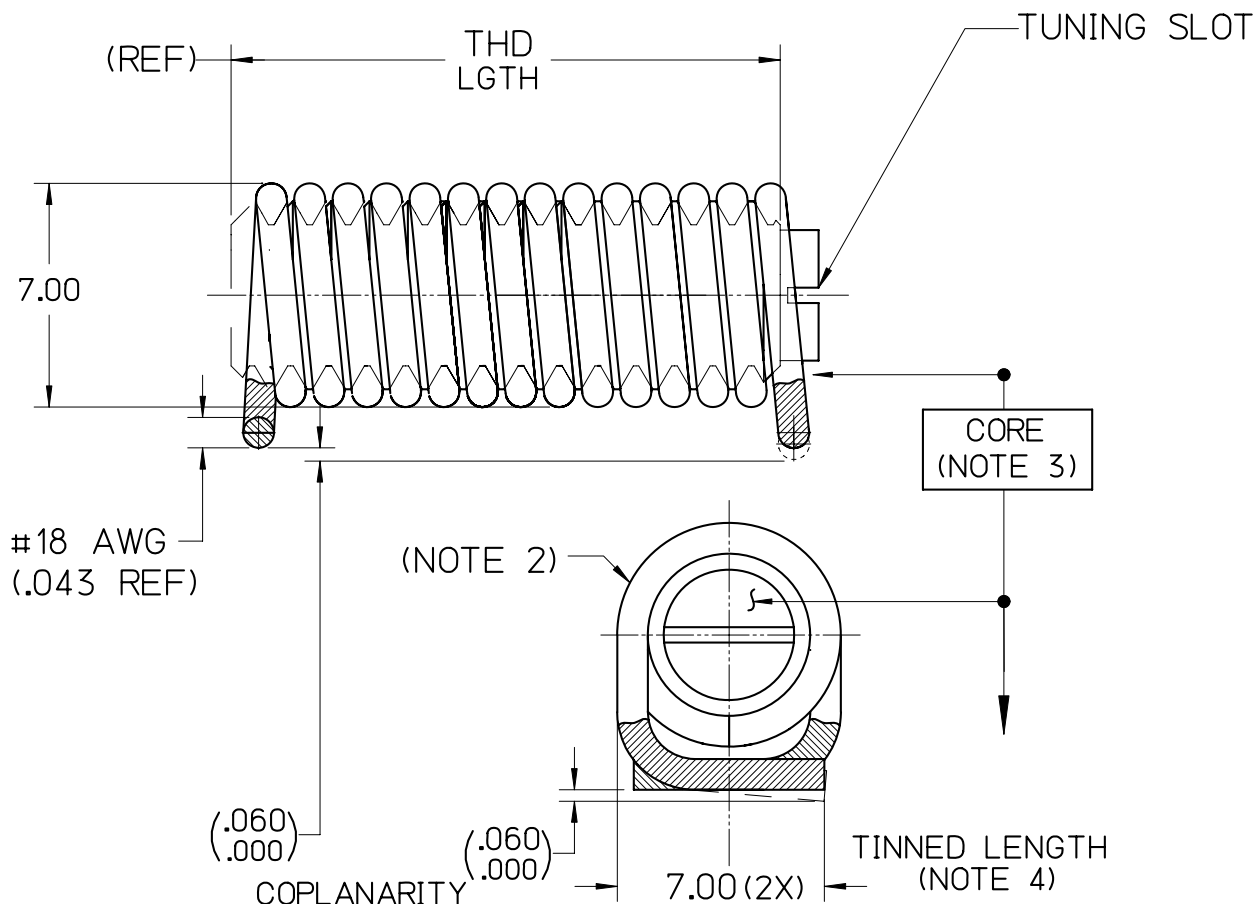




MI DRG. NO.	VTC19E375TRSM	REV.	A
VARIABLE INDUCTOR COIL (NONMAGNETIC)			
U.S. PATENT No. 8,248,198			

FILE: AIROUT

NOTES:

1. a. DIMENSIONS: mm
b. DIMENSIONS: (inches) FOR REFERENCE ONLY
2. COIL :
a. MATERIAL:
COPPER ALLOY (COATED)
b. COATING ABLE TO WITHSTAND 275°C FOR 100 HOURS AS PER NEMA "CLASS 200". (REF ASTM D2307)
3. CORE :
a. MATERIAL:
PTFE / COPPER ALLOY
b. SELF-RESONANT FREQUENCY (SRF) IS MEASURED WITH THE CORE) FULLY ENGAGED AS DEPICTED
c. L MIN MEASURED WITH CORE ENGAGING FULL WINDINGS. L MAX MEASURED WITH CORE ENGAGING A SINGLE TURN.
4. TINNING :
a. MATERIAL:
RoHS COMPLIANT "SAC" ALLOY

KNOWLES P/N	L (nH)				Q (@ 100 MHz)	SRF (GHz)	TURNS	THD LGTH (mm)
	MIN	NOM	MAX	NO CORE				
VTC19E375TRSM	281	345	436	457	171	3.10	19	25

READINGS TAKEN ON AGILENT/8358-A METER.

knowles
DLI - Johanson MFG - Novacap - Syfer - Voltronics

Knowles Cazenovia
2777 Route 20 East
Cazenovia, NY 13035

A	11/10/17	MAI	-	-	001457
LEVEL	DATE	DRN.	CHK.	APP.	ECN
REVISIONS					
DRN. MAI	CHK. MAI	APP. MAI	SCALE NONE		
DATE 11/10/17	DATE 11/10/17	DATE 11/10/17	.XX ± .762 .XXX ± .254		