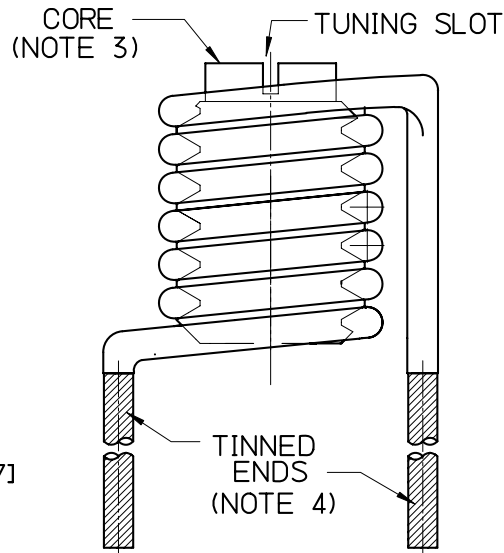
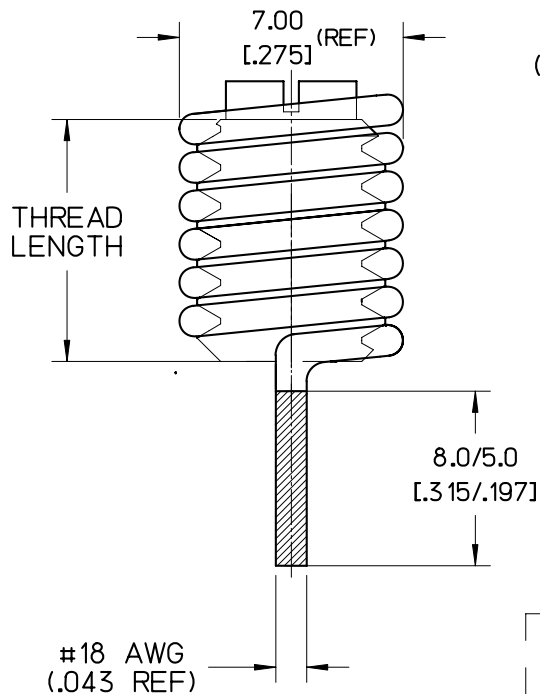


MI DRG. NO. VTCXXEYYYYTRVPCA REV.

VTCXXEYYYYTRVPCA A

**VARIABLE INDUCTOR COIL
VERTICAL MOUNT PC STYLE
(NONMAGNETIC)**

PATENT No. 8,248,198

FILE: AIROUT

NOTES:

1. a. DIMENSIONS: mm
b. DIMENSIONS: [inches] FOR REFERENCE
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):
MEASURED WITH THE CORE FULLY
ENGAGED AS DEPICTED
c. L MIN MEASURED:
CORE FULLY ENGAGED INTO WINDINGS.
d. L MAX MEASURED:
CORE ENGAGED A SINGLE TURN.
4. TINNING :
a. MATERIAL:
RoHS COMPLIANT "SAC" ALLOY

KNOWLES P/N	READINGS: AGILENT/8358-A METER						TURNS	THD LGTH mm (in)
	L (nH)				Q (@ 100 MHz)	SRF (GHz)		
	MIN	NOM	MAX	NO CORE				
VTC02E030TRVPC	32	33	34	39	90	1.2	2	6(.236)
VTC03E048TRVPC	46	49	52	59	95	1.0	3	6(.236)
VTC04E065TRVPC	60	64	68	78	101	0.9	4	6(.236)
VTC05E088TRVPC	74	81	87	99	114	0.9	5	8(.315)
VTC06E110TRVPC	94	107	119	123	119	0.7	6	8(.315)
VTC07E130TRVPC	104	118	133	142	121	0.7	7	10(.394)

knowles
DLI - Johanson MFG - Novacap - Syfer - Voltronics

Knowles Cazenovia
2777 Route 20 East
Cazenovia, NY 13035

A	11/06/17	MAI	-	-	001457
LEVEL	DATE	DRN.	CHK.	APP.	ECN
REVISIONS					
DRN.	CHK.	APP.	SCALE		
MAI	MAI	MAI	NONE		
DATE	DATE	DATE	.XX ± .762		
11/06/17	11/07/17	11/07/17	.XXX ± .254		