



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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MI DRG. NO.

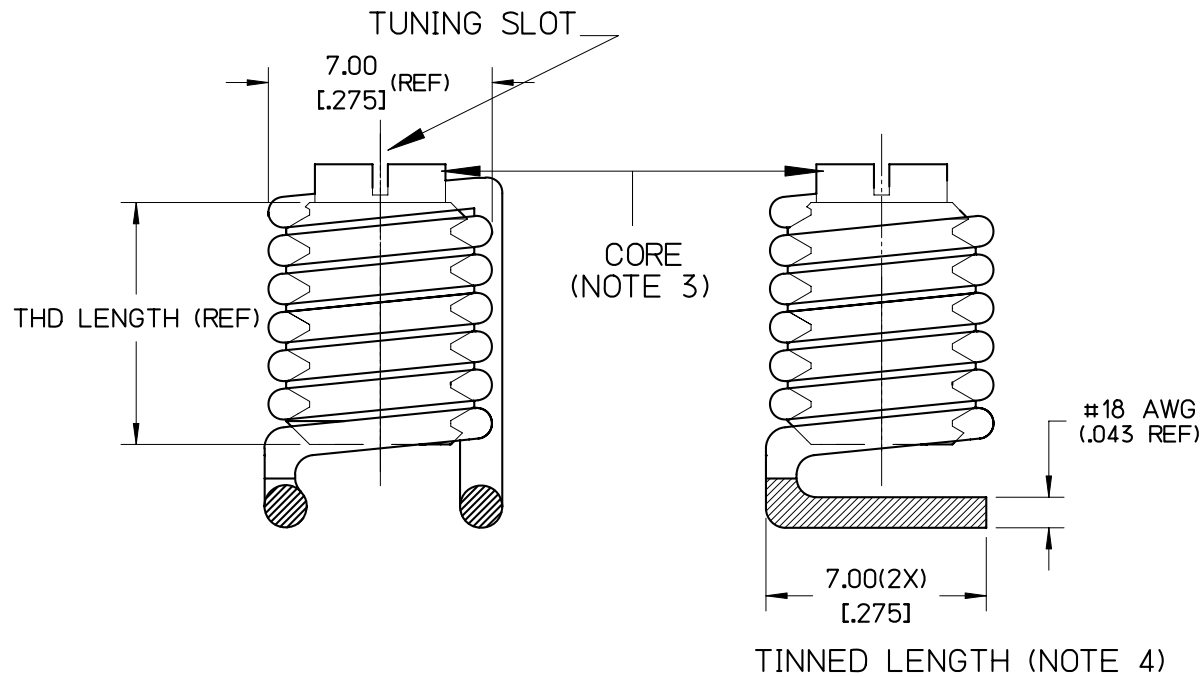
VTCXXEYYYTRVSM

REV.

VTCXXEYYYTRVSM A**VARIABLE INDUCTOR COIL
VERTICAL-SURFACE MOUNT
(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 (in)
	MIN	NOM	MAX	NO CORE				
VTC02E030TRVSM	32	33	34	39	90	1.2	2	6(.236)
VTC03E048TRVSM	46	49	52	59	95	1.0	3	6(.236)
VTC04E065TRVSM	60	64	68	78	101	0.9	4	6(.236)
VTC05E088TRVSM	74	81	87	99	114	0.9	5	8(.315)
VTC06E110TRVSM	94	107	119	123	119	0.7	6	8(.315)
VTC07E130TRVSM	104	118	133	142	121	0.7	7	10(.394)

READINGS TAKEN ON AGILENT/8358-A METER.

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

knowles
DLI - Johanson MFG - Novacap - Syfer - Voltronics

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