

VTC02E030TVSM Datasheet



DiGi Electronics Part Number	VTC02E030TVSM-DG
Manufacturer	Knowles Voltronics
Manufacturer Product Number	VTC02E030TVSM
Description	ADJUSTABLE INDUCTOR
Detailed Description	Adjustable Inductors

<https://www.DiGi-Electronics.com>



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Purchase and inquiry

Manufacturer Product Number:

VTC02E030TVSM

Series:

-

Tolerance:

-

Mounting Type:

-

Size / Dimension:

-

Base Product Number:

VTC02E

Manufacturer:

Knowles Voltronics

Product Status:

Active

Q @ Freq:

-

Package / Case:

-

Height:

-

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

ECCN:

EAR99

REACH Status:

REACH Unaffected

HTSUS:

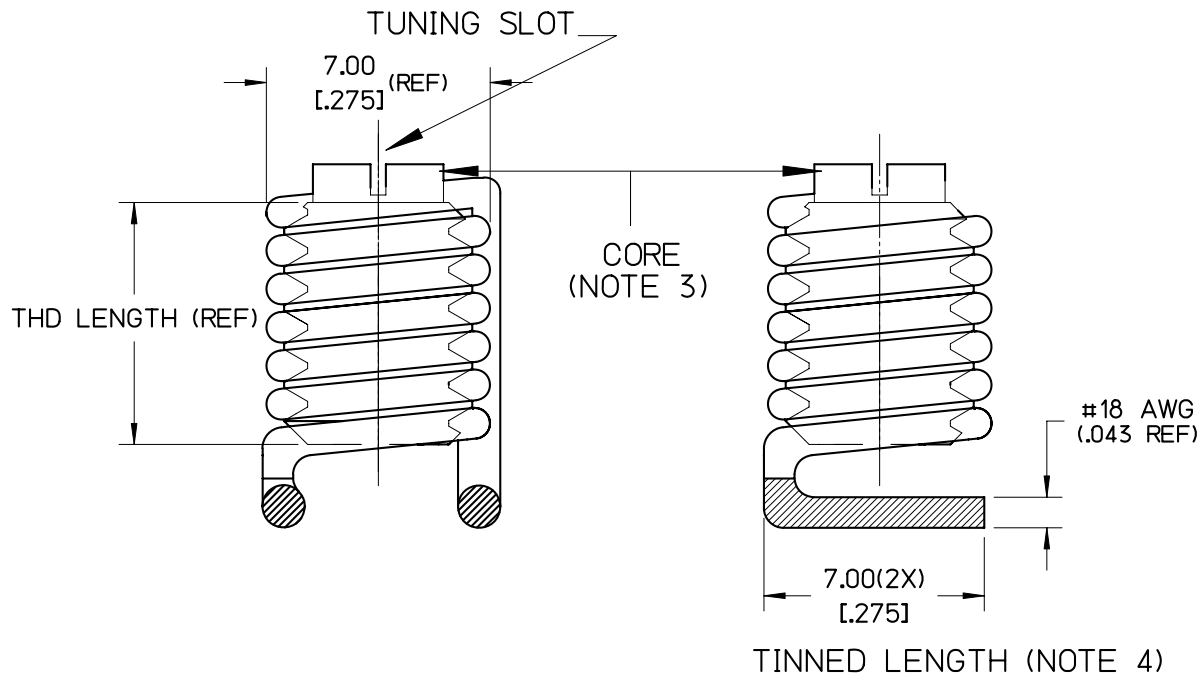
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VTCXXEYYYYTRVSM A

**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.

A	11/06/17	MAI	-	-	001457
LEVEL	DATE	DRN.	CHK.	APP.	ECN
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 Cazenovia
2777 Route 20 East
Cazenovia, NY 13035

VTC02E030TVSM Knowles Voltronics ADJUSTABLE INDUCTOR

OUR CERTIFICATE

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