

VTC02E030TRSM Datasheet



DiGi Electronics Part Number	VTC02E030TRSM-DG
Manufacturer	Knowles Voltronics
Manufacturer Product Number	VTC02E030TRSM
Description	ADJUSTABLE INDUCTOR
Detailed Description	Adjustable Inductors

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



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Purchase and inquiry

Manufacturer Product Number:

VTC02E030TRSM

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

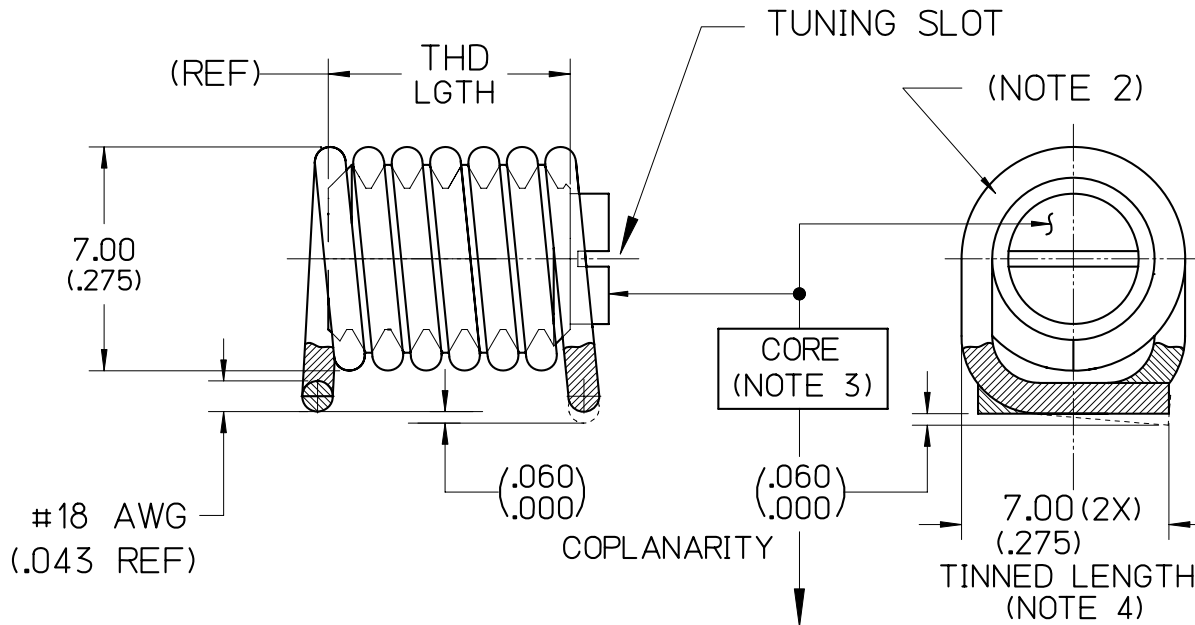
HTSUS:

8504.50.8000

VTCXXEYYYYTRSM
VARIABLE INDUCTOR COIL
(NONMAGNETIC)

U.S. 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) 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				
VTC02E030TRSM	32	33	34	39	90	1.2	2	6(.236)
VTC03E048TRSM	46	49	52	59	95	1.0	3	6(.236)
VTC03E055TRSM	50	55	60	64	95	1.0	3	6(.236)
VTC04E065TRSM	60	64	68	78	101	0.9	4	6(.236)
VTC05E088TRSM	74	81	87	99	114	0.9	5	8(.315)
VTC06E110TRSM	94	107	119	123	119	0.7	6	8(.315)
VTC07E130TRSM	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
DATE	11/06/17	DATE	11/07/17	DATE	11/07/17
					SCALE NONE
					.XX ± .762 .XXX ± .254



Knowles Cazenovia
 2777 Route 20 East
 Cazenovia, NY 13035

VTC02E030TRSM Knowles Voltronics ADJUSTABLE INDUCTOR

OUR CERTIFICATE

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