

JLC02E030TRSM Datasheet

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DiGi Electronics Part Number	JLC02E030TRSM-DG
Manufacturer	Knowles Johanson Manufacturing
Manufacturer Product Number	JLC02E030TRSM
Description	ADJUSTABLE INDUCTOR 30NH SMD
Detailed Description	30 nH Adjustable Inductors 120 @ 100MHz Radial, H orizontal Cylinder (Open)



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Purchase and inquiry

Manufacturer Product Number:

JLC02E030TRSM

Series:

-

Inductance:

30 nH

Q @ Freq:

120 @ 100MHz

Package / Case:

Radial, Horizontal Cylinder (Open)

Height:

-

Manufacturer:

Knowles Johanson Manufacturing

Product Status:

Active

Tolerance:

-

Mounting Type:

Surface Mount

Size / Dimension:

0.276" Dia x 0.236" L (7.00mm x 6.00mm)

Base Product Number:

JLC02E

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

ECCN:

EAR99

Moisture Sensitivity Level (MSL):

1 (Unlimited)

HTSUS:

8504.50.8000

JLCXYYTRSM L

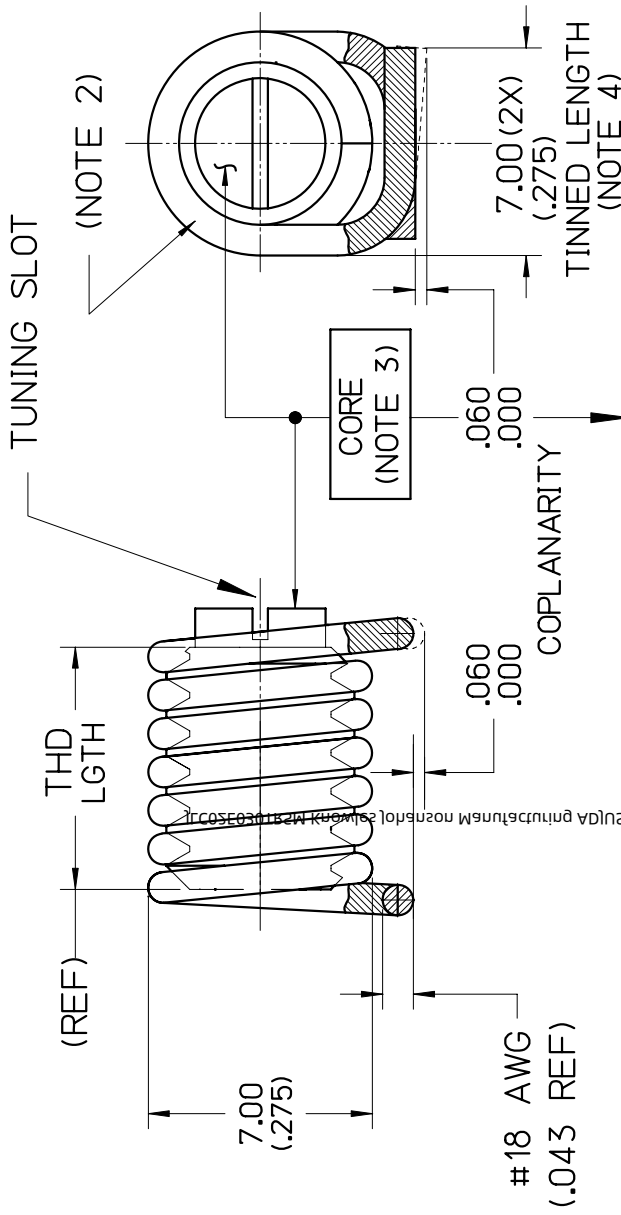
VARIABLE INDUCTOR COIL (NONMAGNETIC)

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. TUNNING :
a. MATERIAL: RoHS COMPLIANT "SAC" ALLOY



JMC P/N	L (nH)			Q	SRF (GHz)	TURNS	THD LGTH mm (in)
	MIN	NOM	MAX				
JLC02E030TRSM	32	33	34	90	1.2	2	6(.236)
JLC03E048TRSM	46	49	52	95	1.0	3	6(.236)
JLC03E055TRSM	50	55	60	95	1.0	3	6(.236)
JLC04E065TRSM	60	64	68	101	0.9	4	6(.236)
JLC05E088TRSM	74	81	87	114	0.9	5	8(.315)
JLC06E110TRSM	94	107	119	119	0.7	6	8(.315)
JLC07E130TRSM	104	118	133	121	0.7	7	10(.394)

READINGS TAKEN ON AGILENT/8358-A METER.

LEVEL	DATE	DRN.	CHK.	APP.	SCALE
L	04/08/14	MAI	MAI	MAI	001221
K	01/10/14	SSH	MAI	MAI	001198
J	08/28/12	BFH	MAI	MAI	001102
			CHK.	APP.	ECN

REVISIONS

DRN.	MAI	CHK.	MAI	APP.	MAI	SCALE
DATE	03/19/09	DATE	03/19/09	DATE	03/19/09	.XX ± .762 .XXX ± .254



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 ELECTRONIC ACCURACY THROUGH MECHANICAL PRECISION

OUR CERTIFICATE

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