



**THE DATASHEET OF
JLC03E048TRSM**



JLCXYYTRSM L

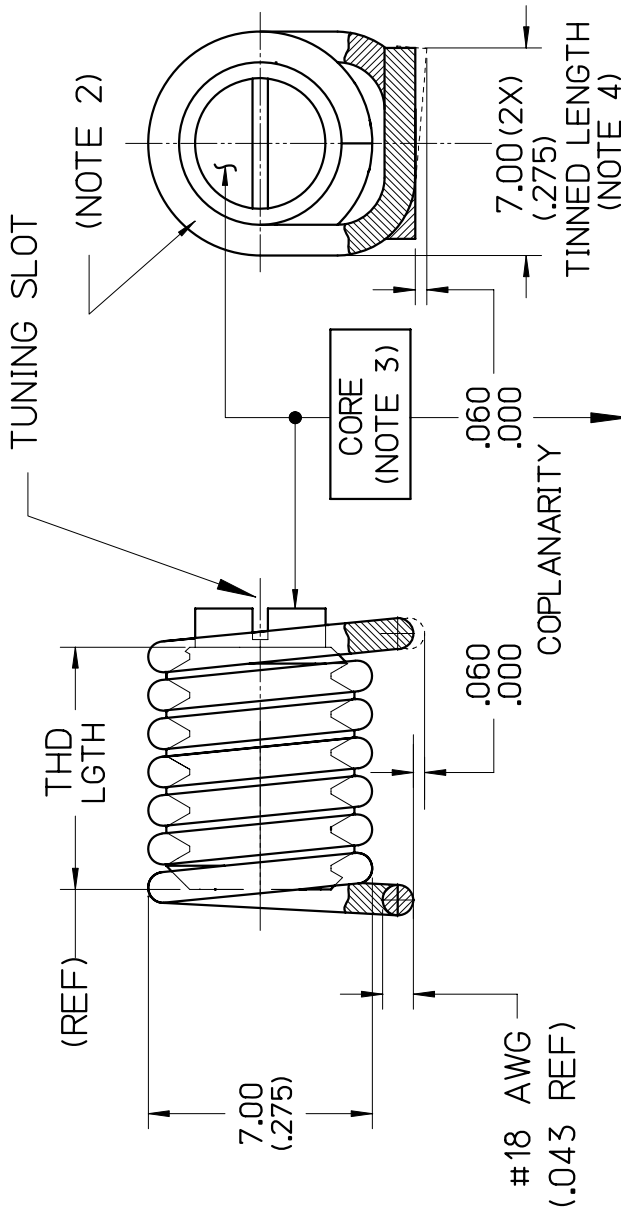
VARIABLE INDUCTOR COIL (NONMAGNETIC)

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 (@ 100 MHz)	SRF (GHz)	TURNS	THD LGTH mm (in)
	MIN	NOM	MAX	NO CORE					
JLC02E030TRSM	32	33	34	39		90	1.2	2	6(.236)
JLC03E048TRSM	46	49	52	59		95	1.0	3	6(.236)
JLC03E055TRSM	50	55	60	64		95	1.0	3	6(.236)
JLC04E065TRSM	60	64	68	78		101	0.9	4	6(.236)
JLC05E088TRSM	74	81	87	99		114	0.9	5	8(.315)
JLC06E110TRSM	94	107	119	123		119	0.7	6	8(.315)
JLC07E130TRSM	104	118	133	142		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
		DRN.	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



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