

# PRELIMINARY

MI DRG. NO.

JLCXXEYYYTRVSM

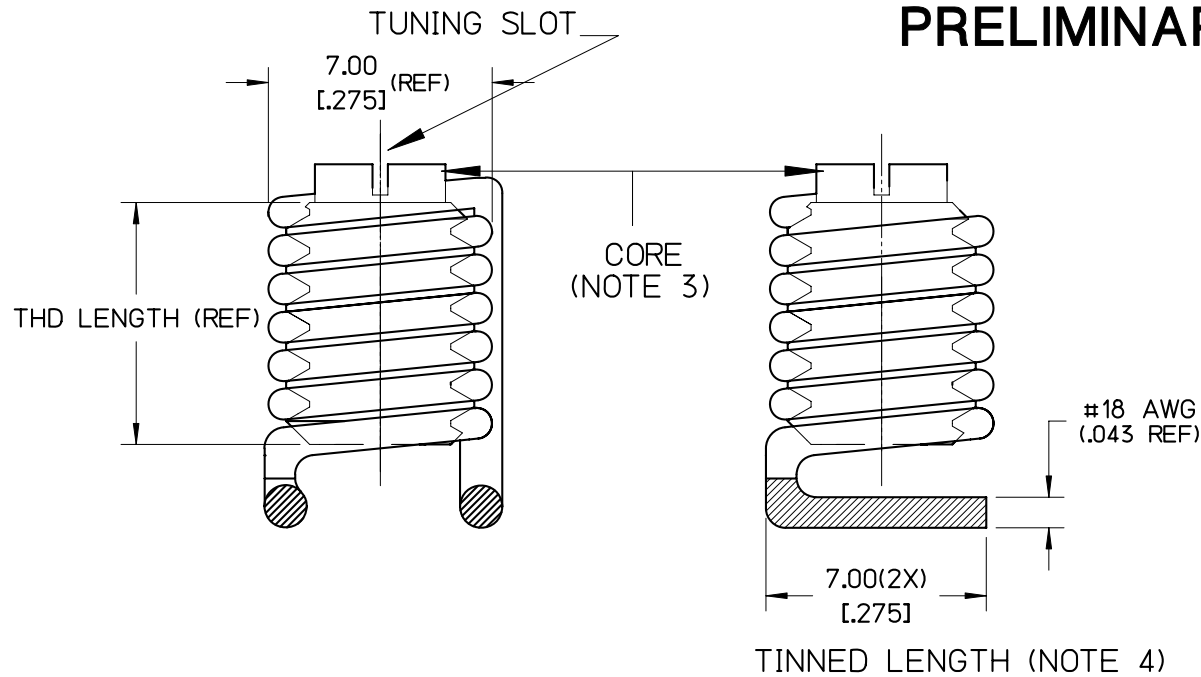
REV.

## JLCXXEYYYTRVSM E

### 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'

JMC P/N	L (nH)				Q (@ 100 MHz)	SRF (GHz)	TURNS	THD LGTH mm (in)
	MIN	NOM	MAX	NO CORE				
JLC02E030TRVSM	32	33	34	39	90	1.2	2	6(.236)
JLC03E048TRVSM	46	49	52	59	95	1.0	3	6(.236)
JLC04E065TRVSM	60	64	68	78	101	0.9	4	6(.236)
JLC05E088TRVSM	74	81	87	99	114	0.9	5	8(.315)
JLC06E110TRVSM	94	107	119	123	119	0.7	6	8(.315)
JLC07E130TRVSM	104	118	133	142	121	0.7	7	10(.394)

READINGS TAKEN ON AGILENT/8358-A METER.

E	04/08/14	MAI	-	-	001221
D	01/10/14	SSH	-	-	001198
C	08/28/12	BFH	-	-	001102
LEVEL	DATE	DRN.	CHK.	APP.	ECN

**REVISIONS**

DRN.	CHK.	APP.	SCALE
SAF	-	-	NONE
DATE	DATE	DATE	.XX ± .762
02/11/10	-	-	.XXX ± .254



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 ELECTRONIC ACCURACY THROUGH MECHANICAL PRECISION

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