

PATENT PENDING

MI DRG. NO.

JLCXXEYYYTRSM

REV.

JLCXXEYYYTRSM

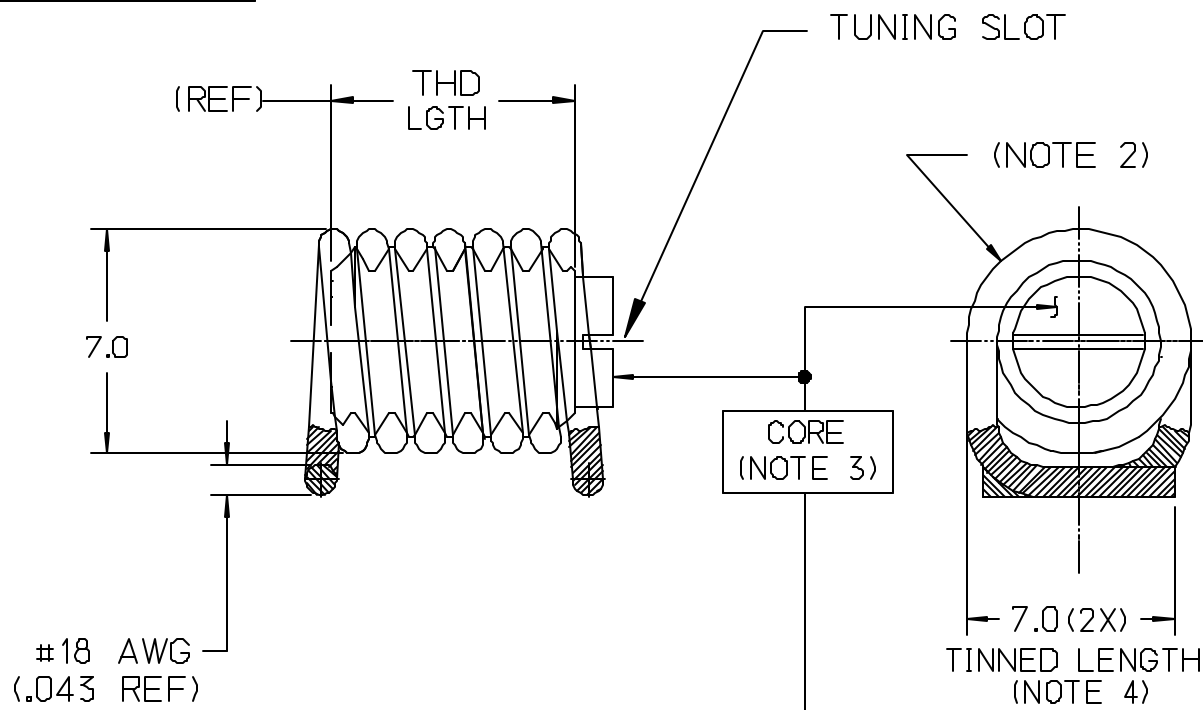
D

**VARIABLE INDUCTOR COIL
(NONMAGNETIC)**

FILE AIROUT

NOTES.

1. a. DIMENSIONS mm
b. DIMENSIONS (inches) FOR REFERENCE ONLY
2. COIL
a. MATERIAL:
COPPER ALLOY (COATED)
b. TEMP RANGE: UP TO 200°C
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
	MIN	NOM	MAX	NO CORE			
JLC02E030TRSM	32	33	34	39	90	1.2	2
JLC03E048TRSM	46	49	52	59	95	1.0	3
JLC04E065TRSM	60	64	68	78	101	0.9	4
JLC05E088TRSM	74	81	87	99	114	0.9	5
JLC06E110TRSM	94	107	119	123	119	0.7	6
JLC07E130TRSM	104	118	133	142	121	0.7	7

READINGS TAKEN ON AGILENT/8358-A METER.

D	09/08/09	SDJ	SDJ	MAI	000787
C	06/25/09	SDJ	SDJ	MAI	000780
B	05/24/09	SDJ	SDJ	MAI	000779
LEVEL	DATE	DRN.	CHK.	APP.	ECN

REVISIONS

DRN.	CHK.	APP.	SCALE
MAI	MAI	MAI	NONE
DATE	DATE	DATE	.XX ± .762
03/19/09	03/19/09	03/19/09	.XXX ± .254



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