



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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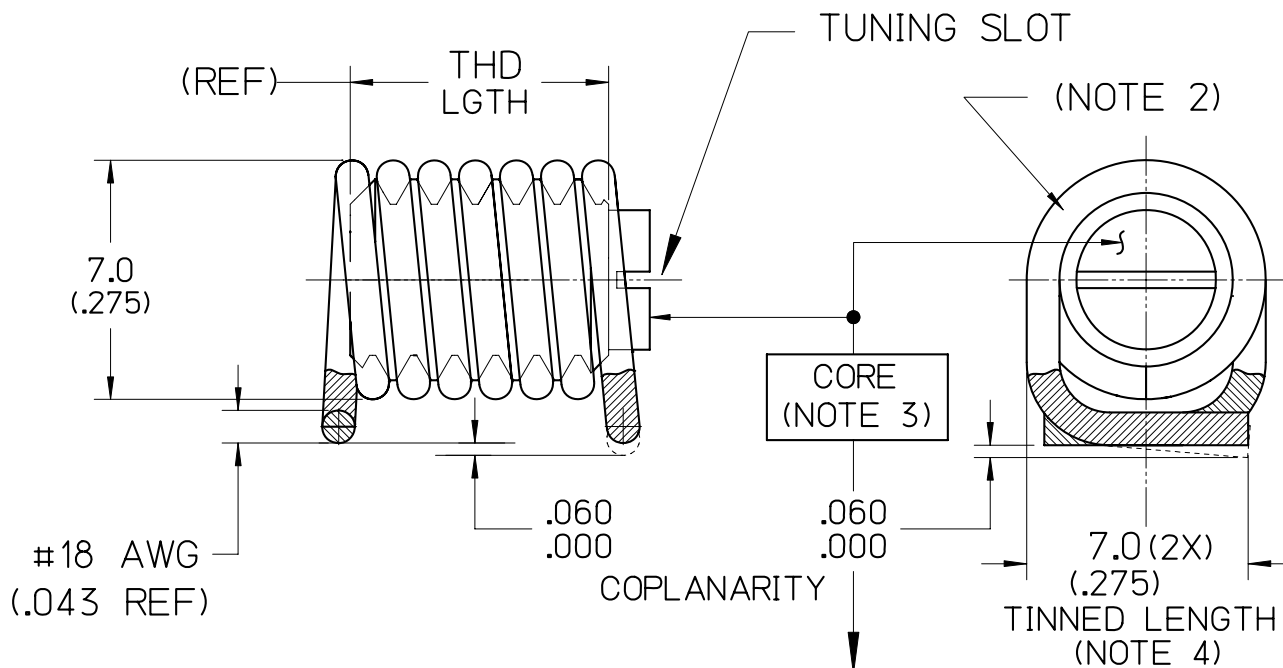
JLCXXEYYYTRSM

J

**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. 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				
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.

J	08/28/12	BFH	MAI	MAI	001102
H	09/19/11	MAI	MAI	MAI	000998
G	09/13/11	GJF	MAI	MAI	000989
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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ELECTRONIC ACCURACY THROUGH MECHANICAL PRECISION