

# WIREWOUND CHIP INDUCTOR

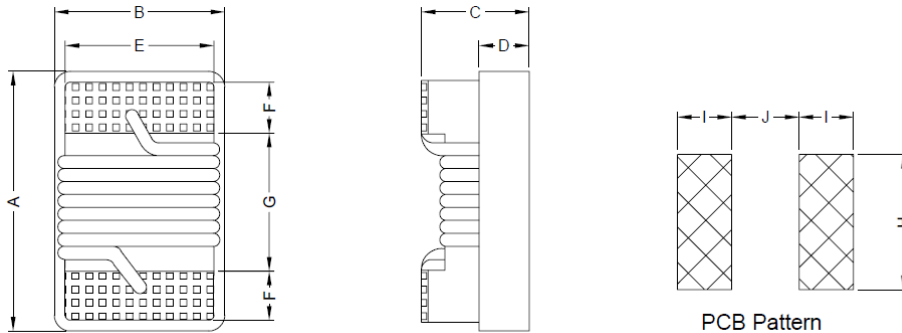
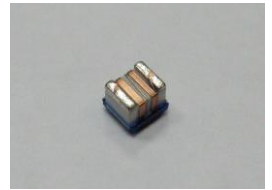
**SERIE:** IJL1008 2,92 x 2,79 x 2,03mm

## DIMENSIONS:

VPE: 2000pcs.



RoHS Compliant



Unit:m/m

A	B	C	D	E	F	G	H	I	J
2.92 Max.	2.79 Max.	2.03 Max.	0.65 Ref.	2.03 Ref.	0.51 Ref.	1.52 Ref.	2.54 Ref.	1.02 Ref.	1.27 Ref.

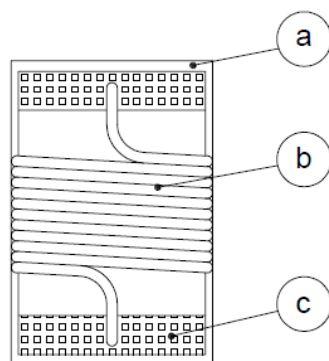
## SCHEMATIC:



## GENERAL SPECIFICATION :

- 1- Temp. rise: 40°C Max.
- 2- Operating temp. : -40°C to +125°C
- 3- Storage temp. : -25°C to +80°C
- 4- Rated current: Base on temp. rise &  $\Delta L/L0A=10\%$  Max.
- 5- Resistance to solder heat: 260°C. 10sec.

## MATERIALS:



- (a) Core : Ceramic U core
- (b) Wire : Enamelled Copper Wire
- (c) Terminal Metallization : Ag + Ni + Au

*NOTE : Specifications subject to change without notice. Please check our website for latest information.*

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**SERIE:** IJL1008 2,92 x 2,79 x 2,03mm



## ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (nH)	Tolerance	Test Frequency (MHz)	Q Min.	SRF (MHz) Min.	DCR (Ω) Max	IDC (mA) Max.
IJL1008 - 3N3-x	3,3	K	50	42	6000	0,03	1000
IJL1008 - 3N9-x	3,9	K, J	50	42	6000	0,08	1000
IJL1008 - 4N7-x	4,7	K, J	50	42	6000	0,15	600
IJL1008 - 5N6-x	5,6	K, J	50	50	5800	0,16	600
IJL1008 - 6N8-x	6,8	K, J	50	50	5400	0,17	600
IJL1008 - 8N2-x	8,2	K, J	50	50	5000	0,22	600
IJL1008 - 15N-x	15	K, J	50	57	3000	0,22	600
IJL1008 - 20N-x	20	K, J	50	72	2400	0,33	600
IJL1008 - 30N-x	30	K, J	50	69	2400	0,38	600
IJL1008 - 40N-x	40	K, J	50	67	2000	0,43	600
IJL1008 - 50N-x	50	K, J, G	50	72	1900	0,48	600
IJL1008 - 56N-x	56	K, J, G	50	67	1850	0,49	600
IJL1008 - 60N-x	60	K, J, G	50	75	1800	0,52	600
IJL1008 - 68N-x	68	K, J, G	50	72	1750	0,53	560
IJL1008 - 70N-x	70	K, J, G	50	68	1700	0,55	510
IJL1008 - 80N-x	80	K, J, G	50	75	1400	0,56	510
IJL1008 - 90N-x	90	K, J, G	50	80	1400	0,61	500
IJL1008 - R56-x	560	K, J, G	25	40	400	1,33	400

Tolerance code:      G= ±2%  
                              x=      J = ±5%  
                              K = ±10%

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