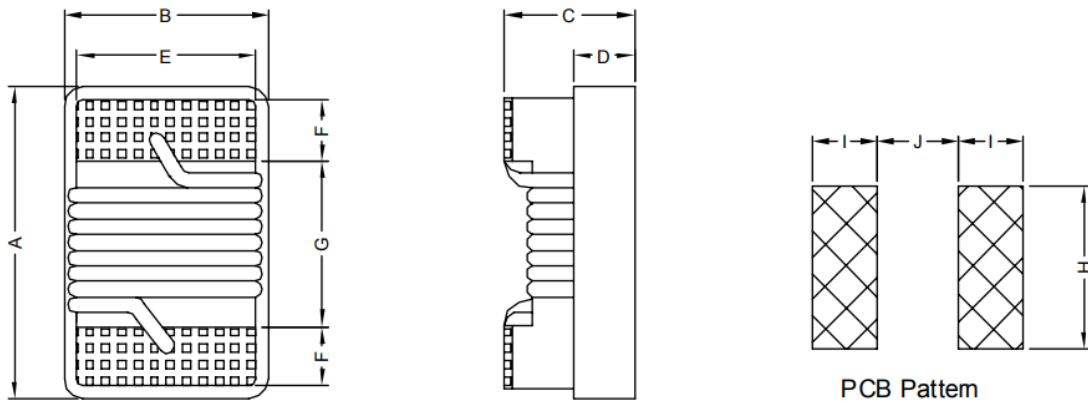


1. Part No. Expression:

S C I 1 0 0 8 LP - 3 N 3 K F
 (a) (b) (c) (d) (e)(f)

- a) Series Code
- b) Dimension Code
- c) Type Code: LP (Low Profile)
- d) Inductance Code
- e) Tolerance Code
- f) F: RoHS Compliant

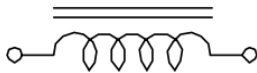
2. Configuration & Dimensions :



Unit: mm

A	B	C	D	E	F	G	H	I	J
2.92 Max.	2.79 Max.	1.40 Max.	0.65 Ref.	2.03 Ref.	0.51 Ref.	1.52 Ref.	2.54 Ref.	1.02 Ref.	1.27 Ref.

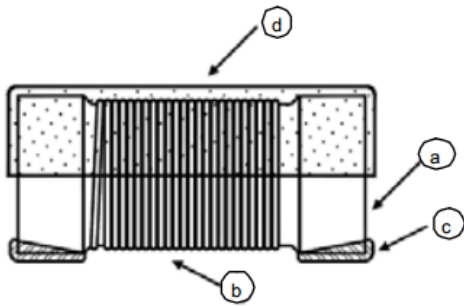
3. Schematic



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



4. Material List:



- (a) Ceramic Core
- (b) Magnet Wire
- (c) Electrode (Ag/Pd+Ni+Sn)
- (d) UV Glue

5. General Specification:

- a) Operating Temp. : $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- b) Storage Condition (component in its packaging)
 - i) Temperature: -10°C to $+40^{\circ}\text{C}$
 - ii) Humidity: 60%

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

6. Electrical Characteristics

Part No	Inductance (nH)	Tolerance	Q Min.	Test Frequency (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	IDC (mA) Max.
SCI1008LP-3N3 \square F	3.30	K,J	42	50	6000	0.030	1000
SCI1008LP-4N2 \square F	4.20	K,J	42	50	6000	0.150	1000
SCI1008LP-6N8 \square F	6.80	K,J	50	50	5400	0.170	1000
SCI1008LP-8N2 \square F	8.20	K,J	50	50	5000	0.220	1000
SCI1008LP-15N \square F	15.0	K,J	57	50	3000	0.220	1000
SCI1008LP-18N \square F	18.0	K,J	50	50	2400	0.120	1000
SCI1008LP-20N \square F	20.0	K,J	72	50	2400	0.330	1000
SCI1008LP-27N \square F	27.0	K,J	50	50	1600	0.130	850
SCI1008LP-30N \square F	30.0	K,J	69	50	2400	0.380	600
SCI1008LP-40N \square F	40.0	K,J	67	50	2000	0.430	600
SCI1008LP-50N \square F	50.0	K,J,G	72	50	1900	0.480	600
SCI1008LP-60N \square F	60.0	K,J,G	75	50	1800	0.520	600
SCI1008LP-70N \square F	70.0	K,J,G	68	50	1700	0.550	510
SCI1008LP-80N \square F	80.0	K,J,G	75	50	1400	0.560	510
SCI1008LP-R18 \square F	180	K,J,G	50	50	900	0.400	450
SCI1008LP-R56 \square F	560	K,J,G	40	25	415	1.330	400

Tolerance: G = \pm 2%

J = \pm 5%

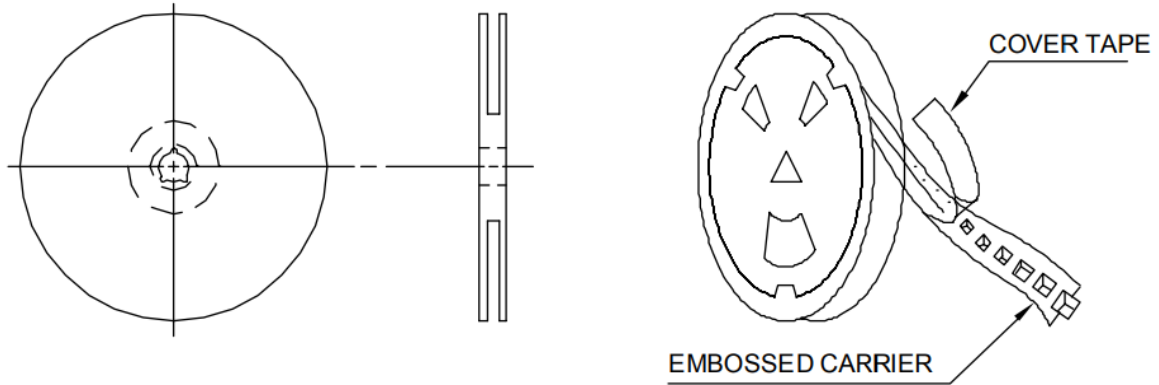
K = \pm 10%

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

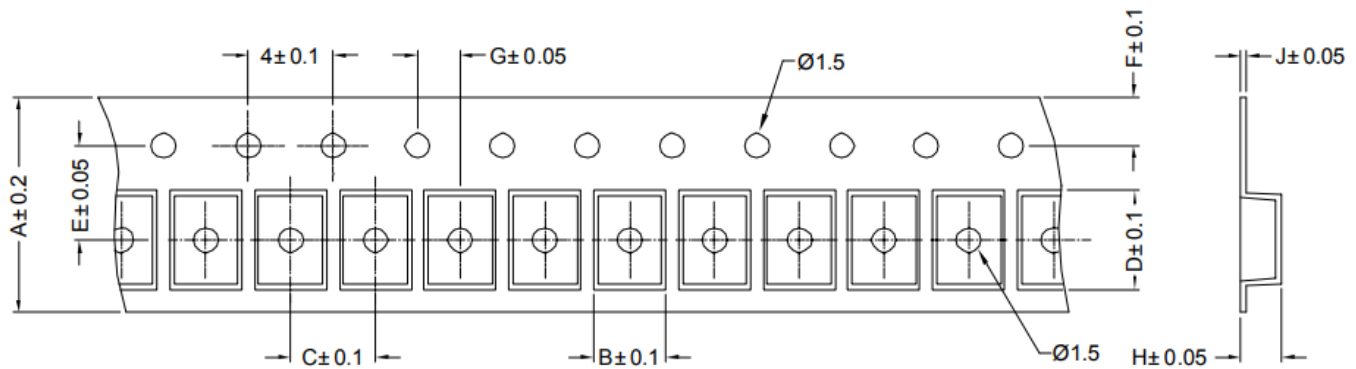


7. Packaging Information

7-1 Reel & Tape Dimension



Embossed Carrier Tape:



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)
SCI1008LP	8	2.70	4	2.80	3.5	1.75	2	1.5	0.23

7-2 Packaging Quantity

Series	SCI1008LP
Chip/Reel	2000pcs

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