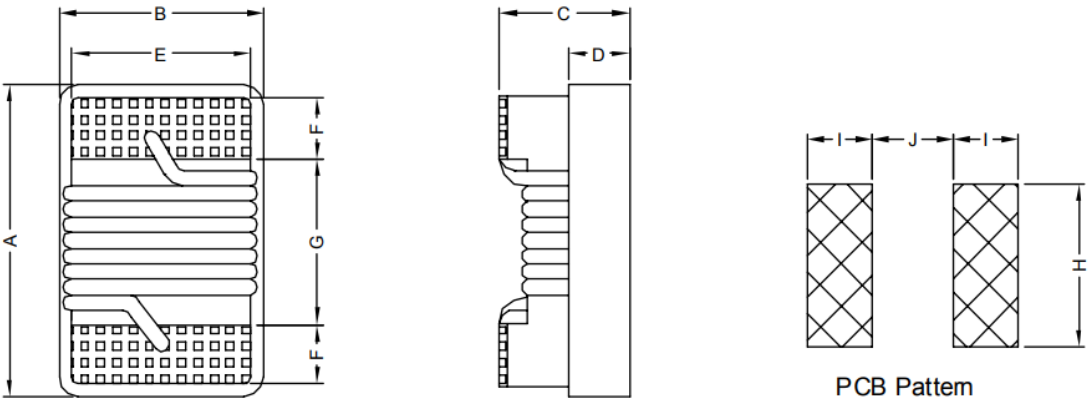


1. Part No. Expression:

<u>S</u> <u>C</u> <u>I</u> <u>1</u> <u>0</u> <u>0</u> <u>8</u> <u>L</u> <u>P</u> - <u>3</u> <u>N</u> <u>3</u> <u>K</u> <u>F</u>						a) Series Code	d) Inductance Code
(a)	(b)	(c)	(d)	(e)	(f)	b) Dimension Code	e) Tolerance Code
						c) Type Code: LP (Low Profile)	f) F: RoHS Compliant

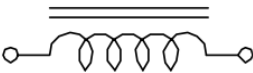
2. Configuration & Dimensions :



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.

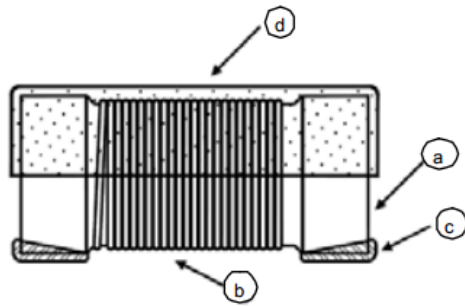
3. Schematic



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□F	3.30	K,J	42	50	6000	0.030	1000
SCI1008LP-4N2□F	4.20	K,J	42	50	6000	0.150	1000
SCI1008LP-6N8□F	6.80	K,J	50	50	5400	0.170	1000
SCI1008LP-8N2□F	8.20	K,J	50	50	5000	0.220	1000
SCI1008LP-15N□F	15.0	K,J	57	50	3000	0.220	1000
SCI1008LP-18N□F	18.0	K,J	50	50	2400	0.120	1000
SCI1008LP-20N□F	20.0	K,J	72	50	2400	0.330	1000
SCI1008LP-27N□F	27.0	K,J	50	50	1600	0.130	850
SCI1008LP-30N□F	30.0	K,J	69	50	2400	0.380	600
SCI1008LP-40N□F	40.0	K,J	67	50	2000	0.430	600
SCI1008LP-50N□F	50.0	K,J,G	72	50	1900	0.480	600
SCI1008LP-60N□F	60.0	K,J,G	75	50	1800	0.520	600
SCI1008LP-70N□F	70.0	K,J,G	68	50	1700	0.550	510
SCI1008LP-80N□F	80.0	K,J,G	75	50	1400	0.560	510
SCI1008LP-R18□F	180	K,J,G	50	50	900	0.400	450
SCI1008LP-R56□F	560	K,J,G	40	25	415	1.330	400

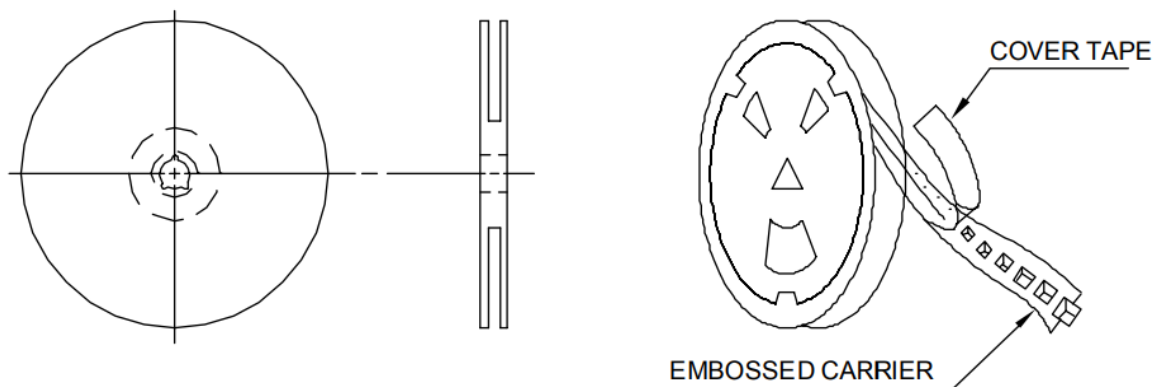
Tolerance: G = $\pm 2\%$ J = $\pm 5\%$ K = $\pm 10\%$

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

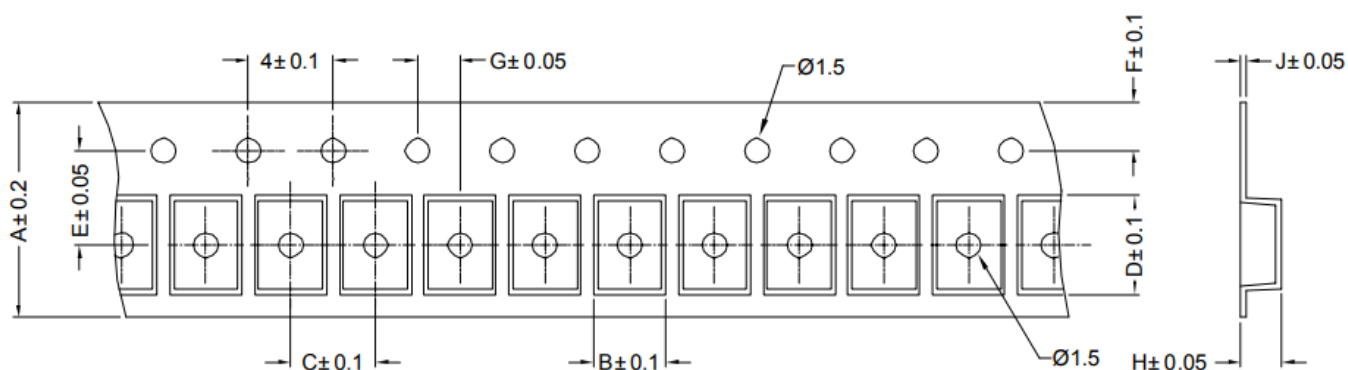


7. Packaging Information

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.