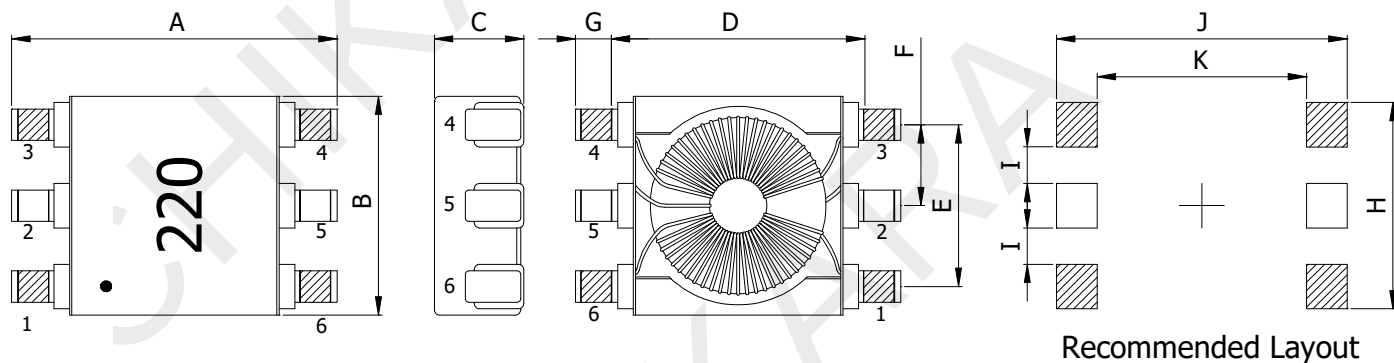


Features

- Data and signal line chokes
- Storage temperature range:-40°C to + 125°C
- Operating temperature range:-40°C to + 125°C
(including coil's self-temperature rise)
- Moisture sensitivity level:1
- Packaging:1500pcs. Per 13-inch reel
- RoHs&Halogen-free compliant



Mechanical Dimension(Unit:mm)



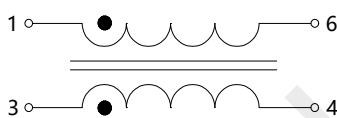
A	B	C	D	E	F	G	H	I	J	K
9.2Max.	6.6Max.	2.5Max.	7.24Typ.	5.08±0.3	2.54±0.2	0.6Typ.	6.86	0.76	8.13	5.59

Part Number Description

SCM04 - 9225 220 N
① ② ③ ④

①	Type
②	Dimensions
③	Inductance value
④	Tolerance code

Electrical Schematic

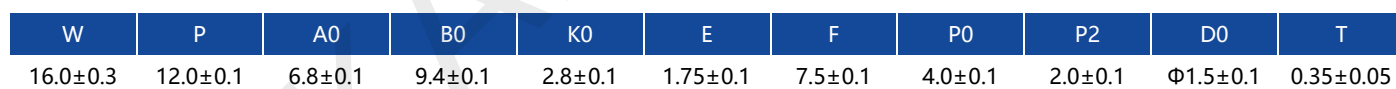


Electrical Characteristic

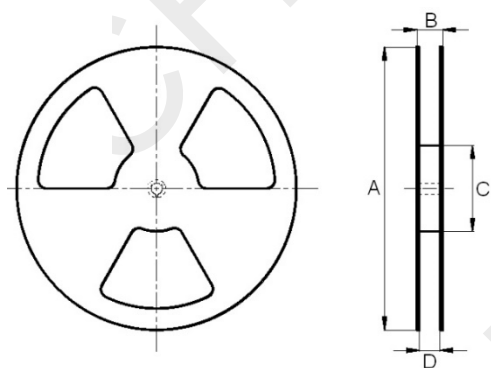
Part Number	Inductance L0(μH)	Max.Impedance (Ω)Typ.	DCR (Ω)Max.	Rated Current (A)Max.	Rated Voltage (V)Max.	Hi-Pot (Coil - Coil)
SCM04-9225220N	22+50%/-30%	1600	0.14	0.70	80	0.5KV AC/5mA/3S
SCM04-9225510N	51+50%/-30%	3300	0.25	0.60	80	0.5KV AC/5mA/3S
SCM04-9225101N	100+50%/-30%	5000	0.28	0.50	80	0.5KV AC/5mA/3S

- Test frequency and voltage:100KHz,0.1Vrms.
- All test data referenced to 25°C ambient.
- Rated current: DC current when temperature of coil increased up to 40°C.

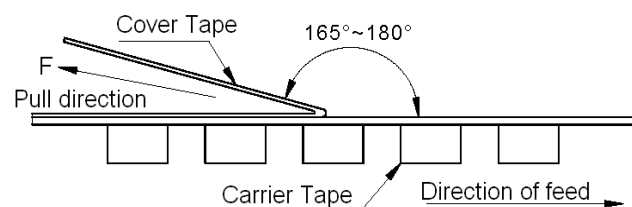
- Carrier Tape (Unit:mm)



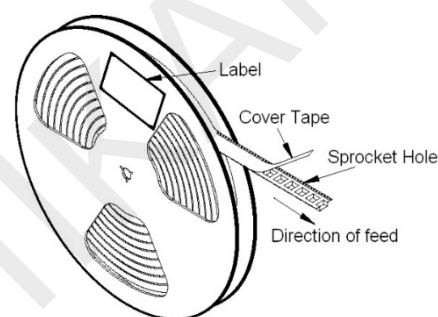
A	B	C	D
Φ330±1.0	22.1Max.	Φ100±1.0	16.5±0.5



Peel-off strength	Peel-off angle	Peel-off speed
F=0.1N~1.3N	165°~180°	300mm/min.



✖ Packing is referred to the international standard IEC 60286-3.

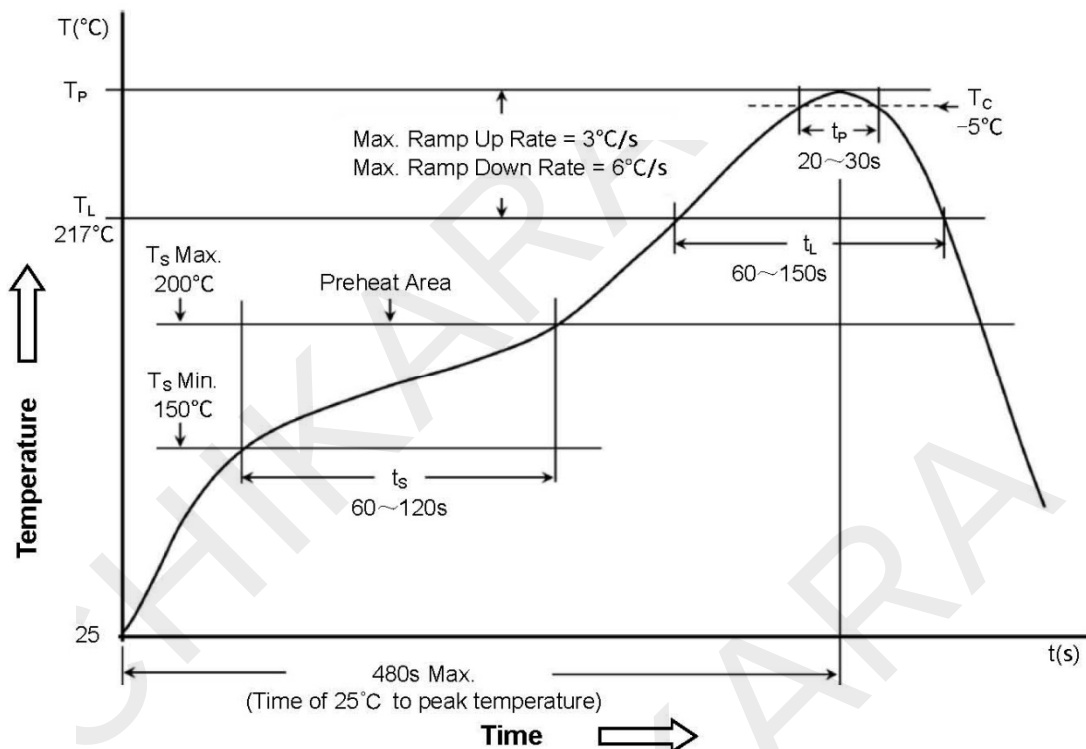


Parts per reel

1500Pcs

Soldering Specification

- Reflow profile for SMT components



- Classification of peak package body temperature (T_p)

	Package Thickness	Package Volume		
		<350mm ³	350~2000mm ³	>2000mm ³
PB-Free Assembly	<1.6mm	260°C	260°C	260°C
	1.6~2.5mm	260°C	250°C	245°C
	≥2.5mm	250°C	245°C	245°C

※ Reflow is referred to standard IPC/JEDEC J-STD-020D.