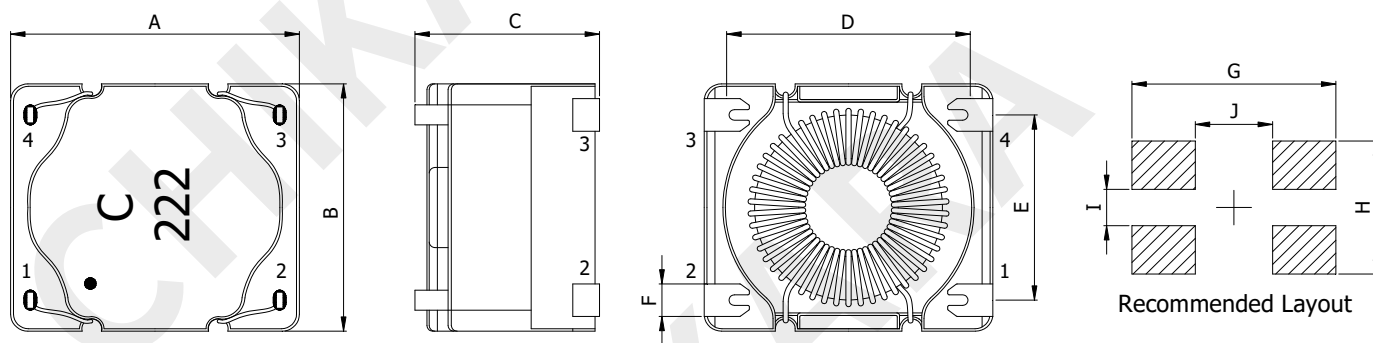


Features

- 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:800pcs. Per 13-inch reel
- RoHs&Halogen-free compliant



Mechanical Dimension(Unit:mm)



A	B	C	D	E	F	G	H	I	J
10±0.3	8.7±0.3	6.5Max.	7.62±0.1	6.22±0.1	1.4Ref.	11.5	8.92	3.52	6.1

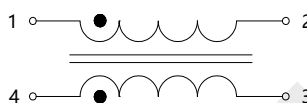
Part Number Description

SCM06 - 100065 T 222 V

① ② ③ ④ ⑤

①	Type
②	Dimensions
③	Core shape code
④	Inductance value
⑤	Tolerance code

Electrical Schematic

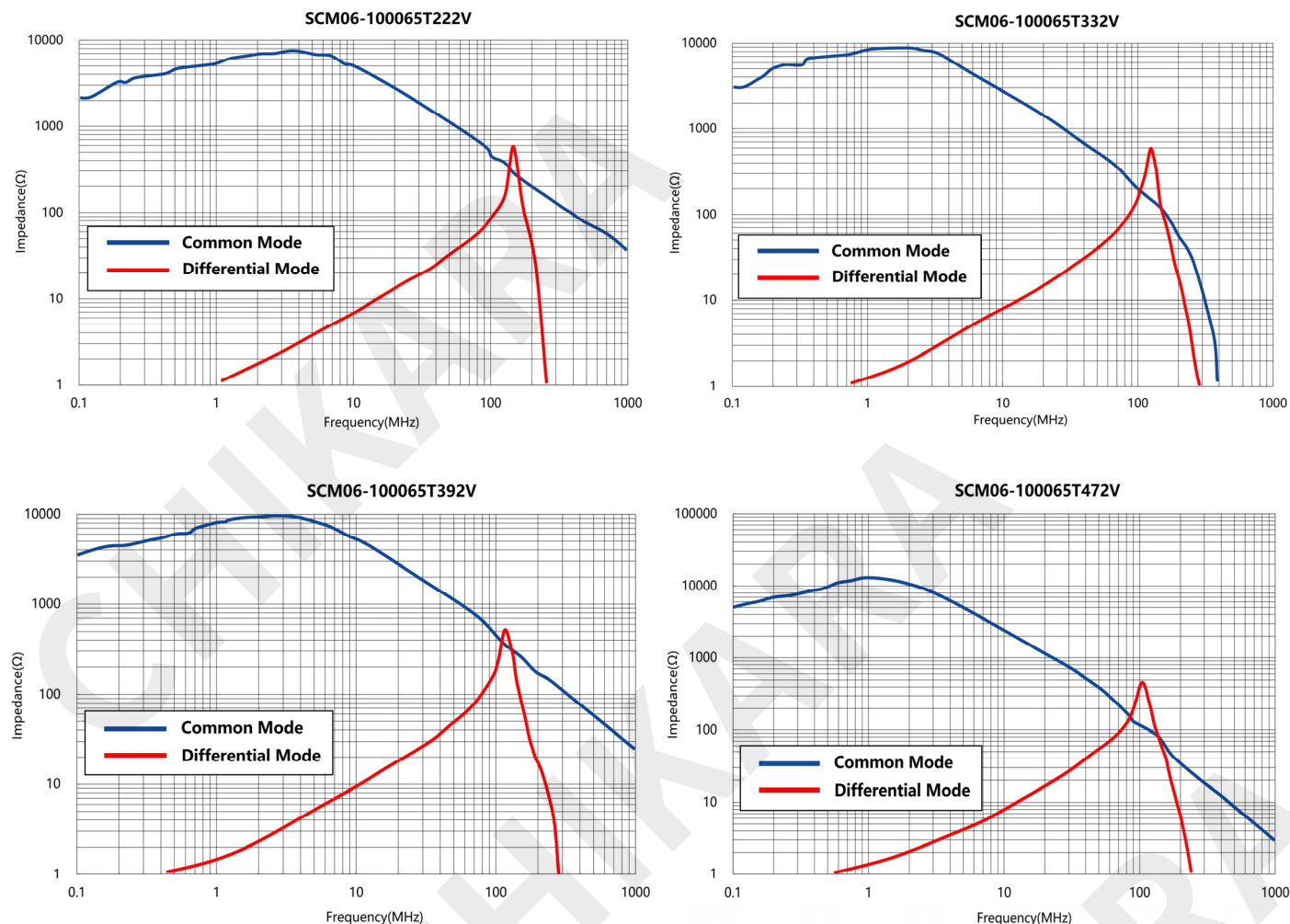


Electrical Characteristic

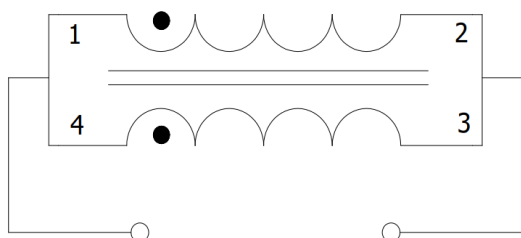
Part Number	Inductance L0(uH)	Max.Impedance (Ω)Typ.	DCR (Ω)Max.	Rated Current (A)Max.	Rated Voltage (V)Max.	Hi-Pot (Coil - Coil)
SCM06-100065T222V	2200 $\pm$ 40%	7500	0.30	0.75	80	1.0KV AC/3mA/60S
SCM06-100065T332V	3300 $\pm$ 40%	8900	0.36	0.65	80	1.0KV AC/3mA/60S
SCM06-100065T392V	3900 $\pm$ 40%	9600	0.54	0.52	80	1.0KV AC/3mA/60S
SCM06-100065T472V	4700 $\pm$ 40%	13000	0.72	0.35	80	1.0KV AC/3mA/60S

- 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 45°C.

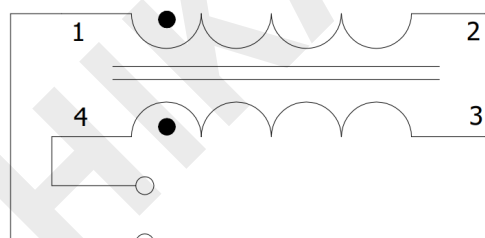
Characteristic Curve (Typical value)



Test Setup

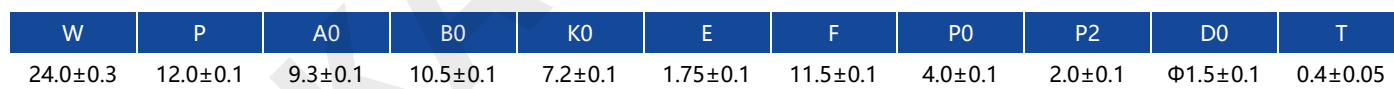


Common Mode



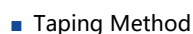
Differential Mode

- Carrier Tape (Unit:mm)

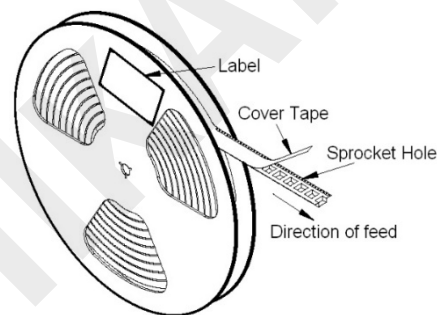


- Reel (Unit:mm)

A	B	C	D
Φ330±1.0	28.9Max.	Φ100±1.0	24.5±0.5



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



✘ The allowable number of empty chip cavities Maximum two (2) chip cavities missing product may exist in a reel but they may not be consecutive two cavities.

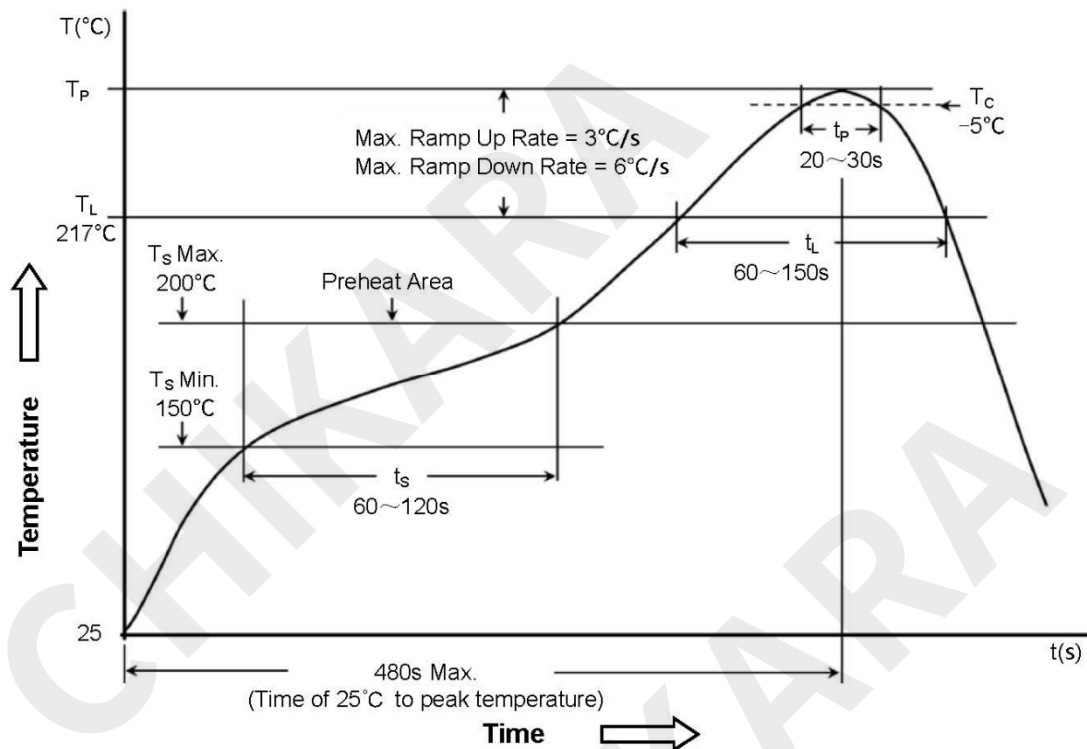
- Package Quantity

Parts per reel

800Pcs

Soldering Specification

- Reflow profile for SMT components



- Classification of peak package body temperature (Tp)

	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