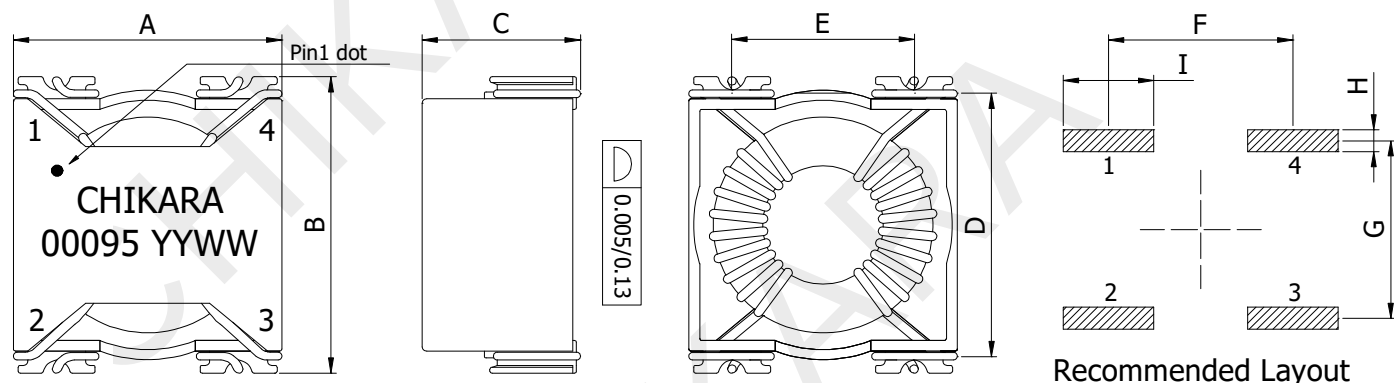


Features

- Suppression of common-mode interferences
- 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:250pcs. Per 13-inch reel
- RoHs&Halogen-free compliant



Mechanical Dimension(Unit:mm)



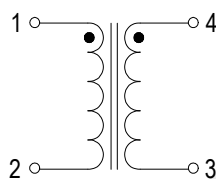
A	B	C	D	E	F	G	H	I
17.0Max.	19.6Max.	9.91Max.	16.51±0.5	11.3±0.3	11.3	16.51	1.52	4.45

Part Number Description

SCM02 - 2010 00095 V
① ② ③ ④

①	Type
②	Dimensions
③	Inductance value
④	Tolerance code

Electrical Schematic



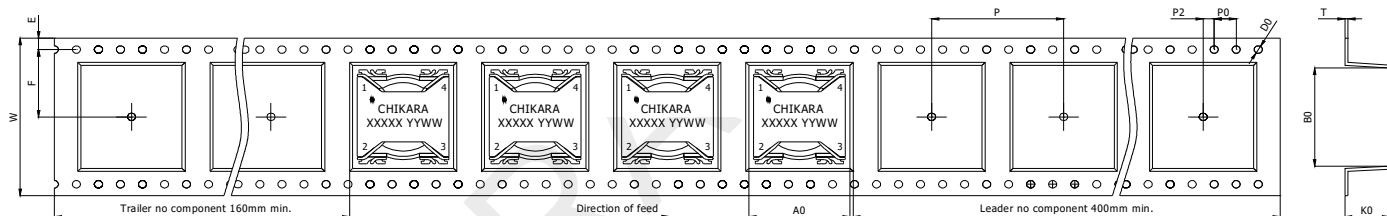
Electrical Characteristic

Part Number	Inductance L0(uH)±40%	DCR (mΩ)Max.	Rated Current (A)Max.	Rated Voltage (Vac)Max.	Hi-Pot (Coil - Coil)
SCM02-201000095V	95	3.0	12.5	250	1500Vac/5mA/3S
SCM02-201000220V	220	60	3.0	250	1500Vac/5mA/3S
SCM02-201000484V	484	7.7	8.0	250	1500Vac/5mA/3S
SCM02-201000590V	590	21	5.6	250	1500Vac/5mA/3S
SCM02-201000600Y	600Min	50	3.6	250	1500Vac/5mA/3S
SCM02-201000770V	770	40	4.7	250	1500Vac/5mA/3S
SCM02-201001320V	1320	60	3.3	250	1500Vac/5mA/3S
SCM02-201001470V	1470	80	2.8	250	1500Vac/5mA/3S
SCM02-201001800Y	1800Min	80	2.5	250	1500Vac/5mA/3S
SCM02-201010150V	10150	210	1.4	250	1500Vac/5mA/3S

- Test frequency and voltage:10KHz,0.1Vrms.
- All test data referenced to 25°C ambient.
- Rated current: AC current when temperature of coil increased up to 45°C.

Packaging Specification

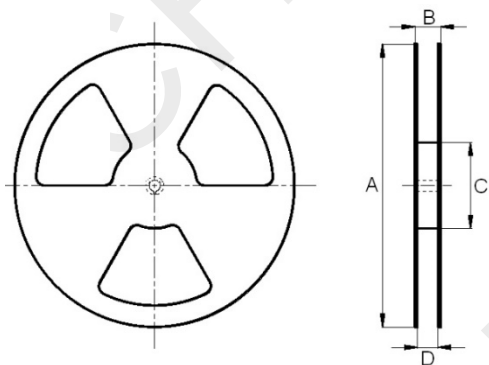
■ Carrier Tape (Unit:mm)



W	P	A0	B0	K0	E	F	P0	P2	D0	T
32±0.3	24±0.1	17.4±0.1	20.1±0.1	10.3±0.1	1.75±0.1	14.2±0.1	4.0±0.1	2.0±0.1	Φ1.5±0.1	0.5±0.05

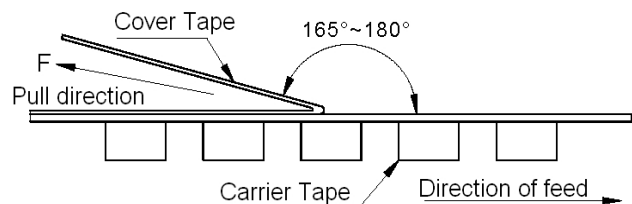
■ Reel (Unit:mm)

A	B	C	D
Φ330±1.0	38.4Max.	Φ100±1.0	33±0.5

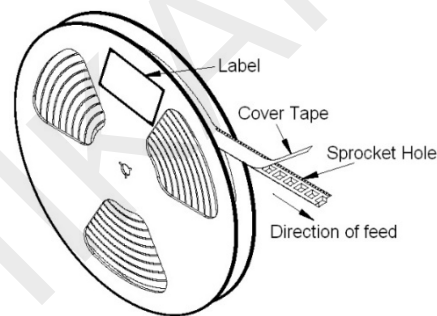


■ Taping Method

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.

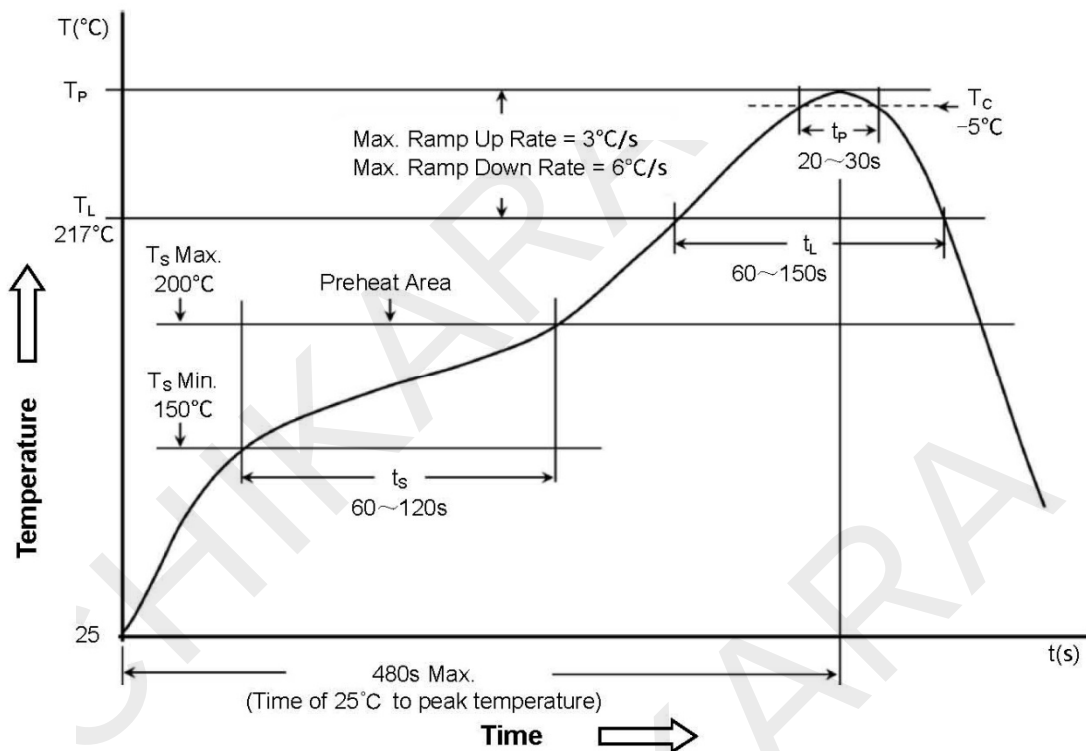


■ Package Quantity

Parts per reel
250Pcs

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

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