

SCM Series

SMD Common Mode Inductor

Size 6033



FEATURES

- High current capability up to 400 mA
- Rated voltage: 80 VDC (42 VAC)
- Flammability corresponding to UL 94 V-0
- Operating temperature -40~+125 °C
- Quantity:2000pcs

APPLICATIONS

- USB/CAN/FireWire etc.
- Signal and sensor lines
- Power supply systems
- Suppression of common mode noise

Dimensions: [mm]

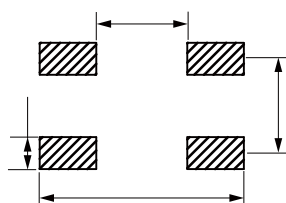
1



Schematic:



Land Pattern: [mm]



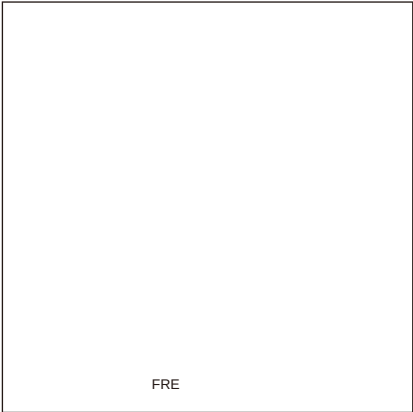
Electrical Properties:

Part No	Inductance @ 10KHz/0.1V (μ H) 1-4=2-3		DC Resistance Max. (Ω) 1-4=2-3	Rated Current Max. (A)	Rated Voltage Typ. (V)	Peak Impedance Typ. (Ω)	Hi-Pot (Vdc) 3mA/1S 1,4-2,3

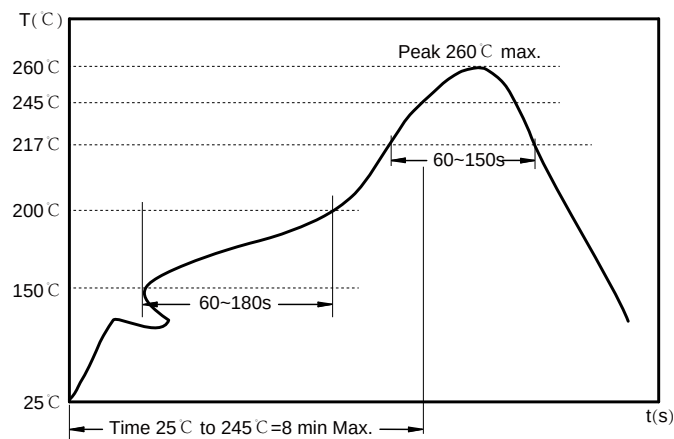
Temperature Rise Current: The actual value of DC current when the temperature rise is $\Delta T=40^{\circ}\text{C}$



Typical Electrical Characteristics:



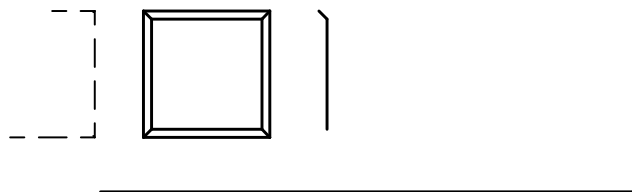
Soldering Reflow:



Preheat condition: 150 ~200°C / 60~180 sec.
 Allowed time above 217°C : 60~150 sec.
 Max temperature: 260°C .
 Max time at max temperature: 10 sec.

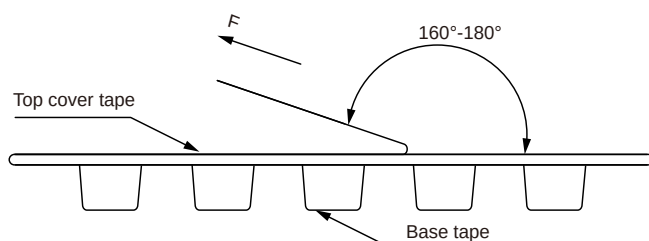
Packaging Information:

Tape Dimension :

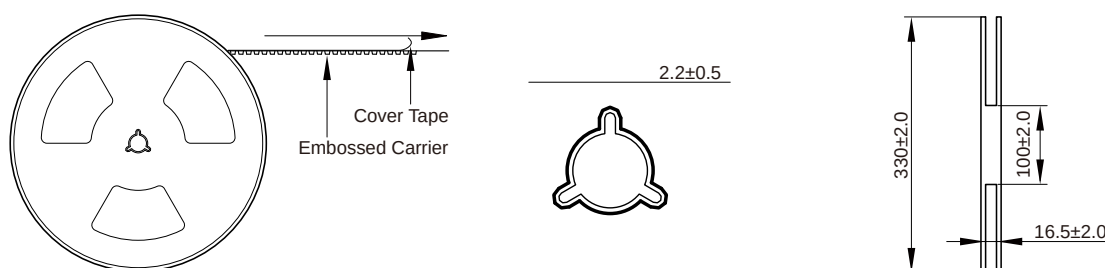


Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
QAK4.11	2, . . ® . , /	4,6 . ® . , /	/,3® . , /	2, . ® . , /	6, . ® . , /	/4, . ® . , 1	1,2® . , /	/,53® . , /	.,13® . , .3

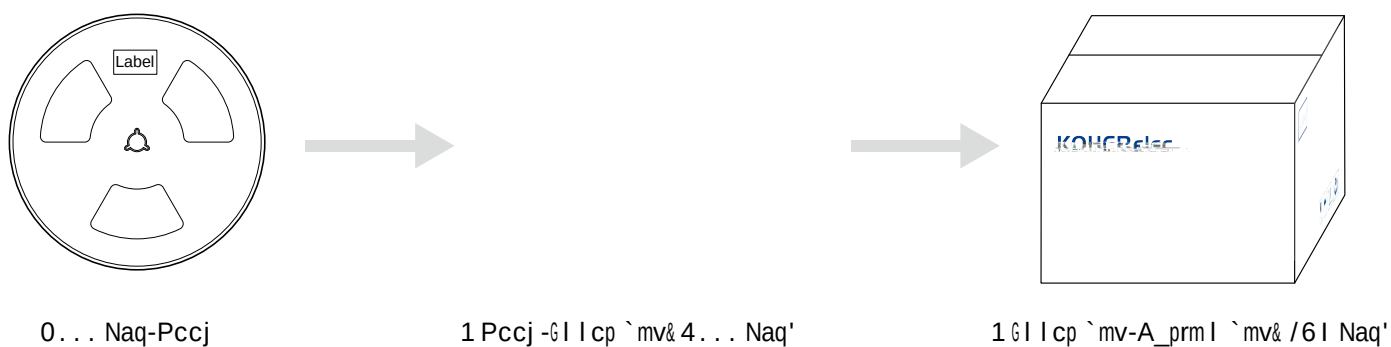
Peel force of top cover tape:



Reel Dimension: [mm]



Packaging Quantity:



Cautions and Warnings:

Storage Conditions:

-
-
-

Operation Instructions: