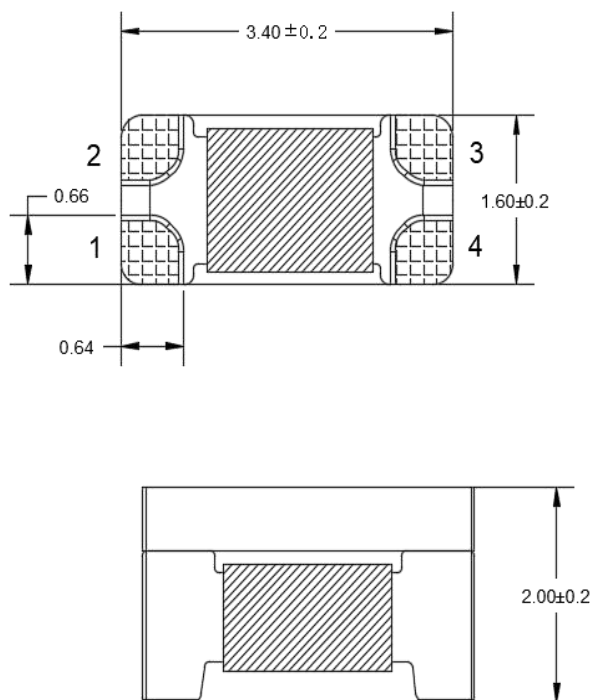


A. MECHANICAL(unit:mm)



Recommended PC Board Pattern

S CM 3216 N F 600 T

A B C D E F G

A: Series

B: Common Mode Choke

C: Dimension 3.4x1.6

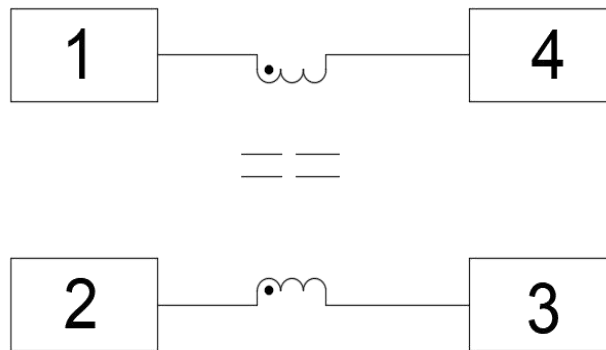
D: Material Ferrite Core

E: Leadfree

F: Inductance 600=60uH

G: Packaging T=Taping and Reel

B. SCHEMATICS





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C.Features

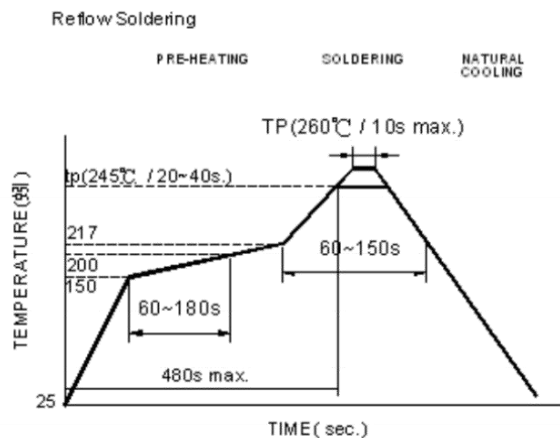
1. High common mode impedance at high frequency cause excellent noise suppression performance.
- 2.SCM3216NF-600T series realizes small size and low profile. 3.4x1.6x2.0 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
- 4.OPERATING TEMPERATURE:-40~+85°C(Including self -temperature rise)
- 5.Storage temperature range:0°C to +30°C

D. ELECTRICAL SPECIFICATIONS @25°C

Part Number	Turns Ratio ± 5% 1-4T02-3	Inductance (uH) [100KHz/0.1V] Min 1:4, 2:3	DC Resistance (Ω) Max 1:4, 2:3	Capacitance (pF) [100KHz/0.1V] (Max) 1-2	Rated Current (mA)Max	Rted Volt (Vdc)Max	IR(Ω) [50VDC 3S] Min 1-4T02-3
SCM3216NF-200T	1:1	20	1	28	350	50	10M
SCM3216NF-400T	1:1	40	1	28	300	50	10M
SCM3216NF-400T	1:1	55	1	10	300	50	10M
SCM3216NF-550T	1:1	55	1	8	300	50	10M
SCM3216NF-600T	1:1	60	1.5	28	200	50	10M

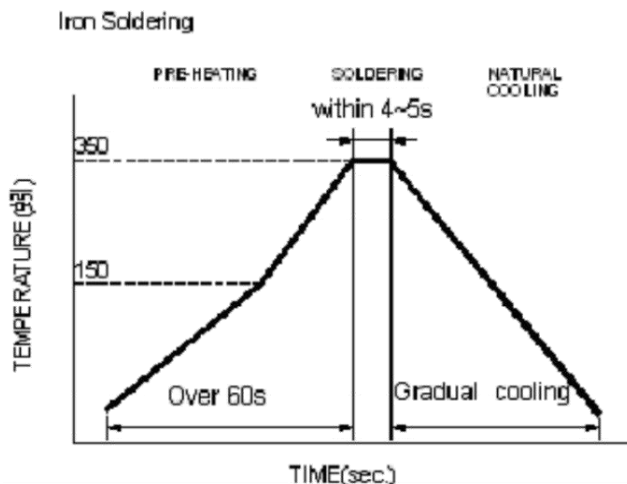
E. RECOMMEND REFLOW SOLDERING CURVE

1. Lead Free Solder re-flow



Reflow times: 3 times max.

2 Soldering Iron



Iron Soldering times: 1 times max.



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F. Typical Impedance v.s. Frequency Curve



SCM3216NF-200T



SCM3216NF-400T

SCM3216NF-400TC10



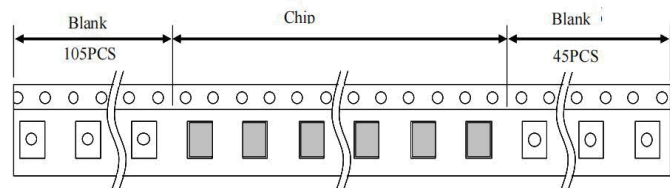
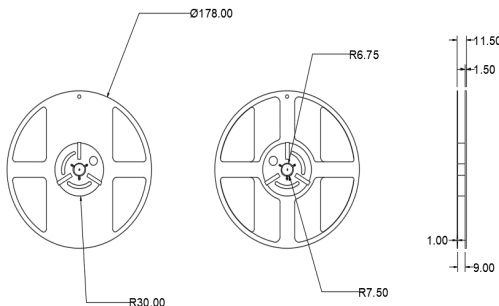
SCM3216NF-550T



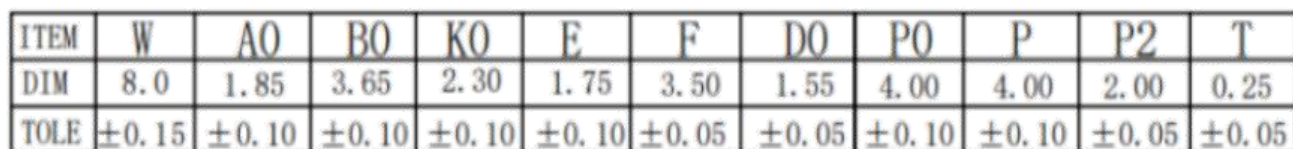
SCM3216NF-600T

G. PACKAGE INFORMATION

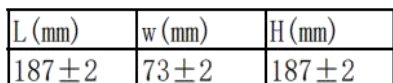
1. TAPE AND REEL SPECIFICATIONS



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Inner Carton



A 3D perspective drawing of a rectangular box. The vertical edge on the left is labeled H . The bottom-left edge is labeled w . The bottom-right edge is labeled L .

L (mm)	w (mm)	H (mm)
385±2	207±2	207±2