

MTCMC18107B Series
Common Mode Choke

Webpage



Sample kit



Buy Online



Support



Tools



Features

- Suitable for wave soldering
- Operating Voltage: 250 Vac
- High common mode impedance
- Operating temperature: -25 °C to +105 °C

Product Image

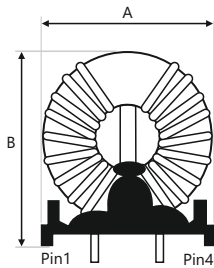


*Displayed image is only for reference purpose, original product may vary.

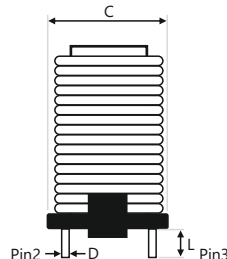
Applications

- Main filter
- White Goods
- EMI Suppression
- Power Supplies (SMPS)
- Suppression of common mode noise

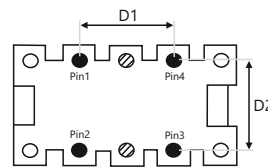
Dimensions



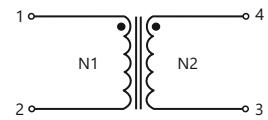
Front View



Side View



Bottom View



Inductor Structure

A (mm)	B (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	L (mm)
23 Max	24 Max	15 Max	1.0 ± 0.1	7.5 ± 0.5	9.0 ± 0.5	4.0 Min

Electrical Specifications

Part Number	Inductance (mH)	Tol.	DCR (Ω) Max.	Rated Current (A)
				Δ T ~40°C
MTCMC18107B102V	1	0.9 ± 20%	0.009	10
MTCMC18107B202V	2	1.8 ± 20%	0.016	8
MTCMC18107B502V	5	4.5 ± 20%	0.03	6
MTCMC18107B103V	10	9 ± 20%	0.06	4.5
MTCMC18107B153V	15	13.5 ± 20%	0.08	3.5
MTCMC18107B203V	20	18 ± 20%	0.1	3
MTCMC18107B303V	30	27 ± 20%	0.15	2.5

Hi-Pot Test: 1.5KV @AC/60Hz, 1mA 3Sec
Test Conditions: 1KHz / 0.3V
Test Equipment: Chroma - 16502 3302

NOTE:

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