

## MTCMC1005 Series Common Mode Choke

Webpage



Sample kit



Buy Online



Support



Tools



### Features

- Product weight: 10 g (ref.)
- Moisture sensitivity Level 1
- Operating Voltage: 250 Vac
- Enameled copper wire: H class
- Ferrite Toroidal core construction
- Inductance Test Condition.: 10KHz / 0.1V
- Rated Current based on temp. rise 40 max.
- Hi-Pot Test N1 to N2: AC 1.5 KV / 50Hz / 5mA / 2 Sec
- Operating Temperature: -25°C to +125°C

### Product Image

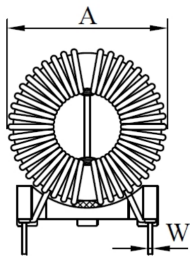


\*Displayed image is only for reference purpose, original product may vary.

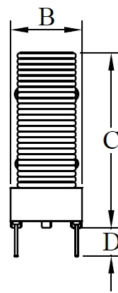
### Applications

- BLDC
- EMI Filter
- LED Drivers
- Control Panels
- DC-DC Converters
- Switching Power Supplies

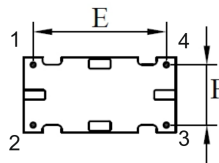
### Dimensions



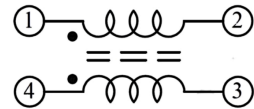
Front View



Side View



Bottom View



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	W (mm)
15.00 Max	7.50 Ref	17.50 Max	2.50 Ref	10.00 Ref	4.50 Ref	0.70 Ref

### Electrical Specifications

Part Number	Inductance, L (mH)	DCR (Ω)	Rated Current (A)
MTCMC1005102	1	0.04	2.1
MTCMC1005402	4	0.13	1.6
MTCMC1005502	5	0.21	1.1
MTCMC1005103	10	0.34	0.8
MTCMC1005203	20	0.99	0.55
MTCMC1005393	39	2.9	0.32

#### NOTE:

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