

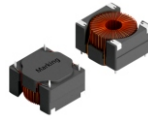
MTSCMC1006 Series SMD Common Mode Chokes - 1006 Size



Features

- Ferrite core material
- Current rating up to 1.6 A
- Frequency up to 300 MHz
- Operating voltage: upto 80 Vdc or 42 Vac
- Operating temperature: -40 °C to +125 °C

Product Image

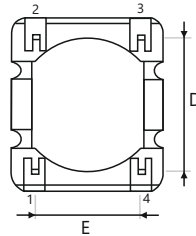
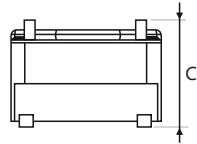
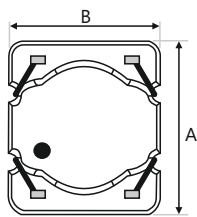


*Displayed image is only for reference purpose, original product may vary.

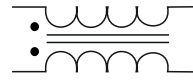
Applications

- CAN interface
- Measuring Instruments
- Input filter in DC/DC converters
- Interference on data and signal lines
- Suppression of common mode noise

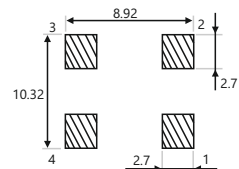
Dimensions



Schematic



Land Pattern



Unit: mm

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
10.0 ± 0.3	9.0 ± 0.5	6.50 max	7.71 typ	6.22 typ

Electrical Specifications

Part Number	Inductance, L (µH)	Impedance (Z) min	DCR (mΩ max)	Rated Current, I (A)	Test Conditions
MTSCMC1006121	120	460 Ω	25	2.5	100KHz / 0.1V
MTSCMC1006221	220	780 Ω	32	2.2	100KHz / 0.1V
MTSCMC1006251	250	970 Ω	35	2	100KHz / 0.1V
MTSCMC1006471	470	1750 Ω	65	1.6	100KHz / 0.1V
MTSCMC1006102	1000	3600 Ω	180	0.95	100KHz / 0.1V
MTSCMC1006222	2200	7500 Ω	300	0.75	100KHz / 0.1V
MTSCMC1006332	3300	8900 Ω	360	0.65	100KHz / 0.1V
MTSCMC1006392	3900	9600 Ω	540	0.52	100KHz / 0.1V
MTSCMC1006472	4700	13000 Ω	720	0.35	100KHz / 0.1V

NOTE:

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