

Common Mode Choke, Filters ~ CMT1409B SERIES

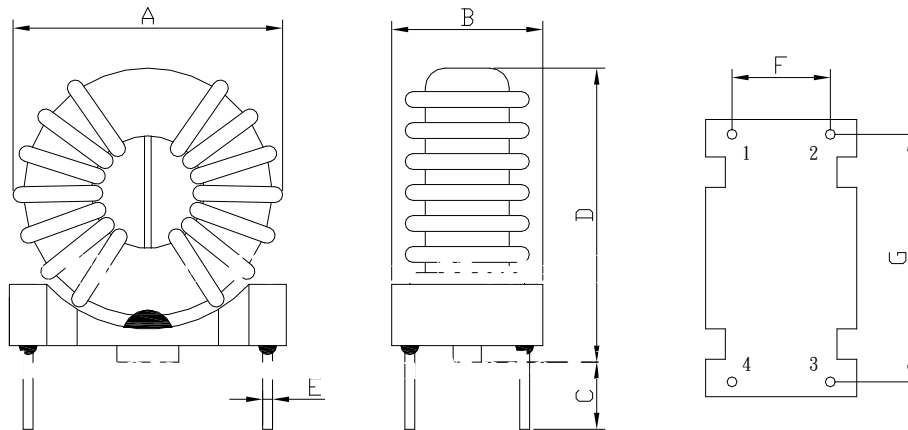


PART NUMBERING SYSTEM

<u>CMT</u>	<u>1409B</u>	—	<u>103N</u>	—	<u>LF</u>
TYPE	DIMENSIONS		IMPEDANCE		LEAD FREE

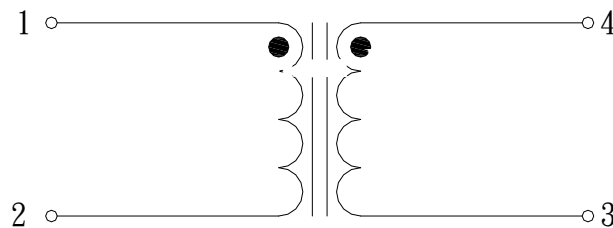
SHAPES AND DIMENSIONS

UNIT : mm



A=17.5 Max. B=13.0 Max. C=3.0±0.5 D=22.0 Max. E=0.7 Ref. F=5.0±0.5 G=7.7±0.5

SCHEMATIC DRAWING



SPECIFICATION TABLE

PART NUMBER	INDUCTANCE (mH)	DCR (m Ω) (max)	IDC (A) (max)	NOMINAL VOLTAGE VAC	TEST FREQ. (Freq.)
CMT1409B-102N-LF	1.0 \pm 30%	35	3.0	250	10KHz
CMT1409B-402N-LF	4.0 \pm 30%	70	2.0	250	10KHz
CMT1409B-502N-LF	5.0 \pm 30%	120	1.5	250	10KHz
CMT1409B-103N-LF	10.0 \pm 30%	360	1.0	250	10KHz
CMT1409B-203N-LF	20.0 \pm 30%	540	0.5	250	10KHz

- Highest common mode **impedance** over the **widest frequency range**.
- **1250 Vrms**, one minute isolation between windings.
- Inductance values up to **20 mH**; current ratings as high as **500m Amps**.
- **RoHS / REACH compliant**. Tin-silver over copper terminations.
- Inductance is measured with a LCR meter 4284A or equivalent.
- Test voltage : 1500V, 50Hz , 5mA , 2sec.
- Operating temperature range -40°C to +125°C
- Electrical specifications at 25°C