

FEATURES

- Excellent impedance characteristics, making it great for suppressing common mode noise.
- Low profile design makes it optimal for surface mounting.
- Operating temperature: -40°C ~ +105°C.



APPLICATIONS

- USB
- CAN
- FireWire
- Signal and sensor lines
- Power supply systems
- Data lines
- Suppression of common mode noise

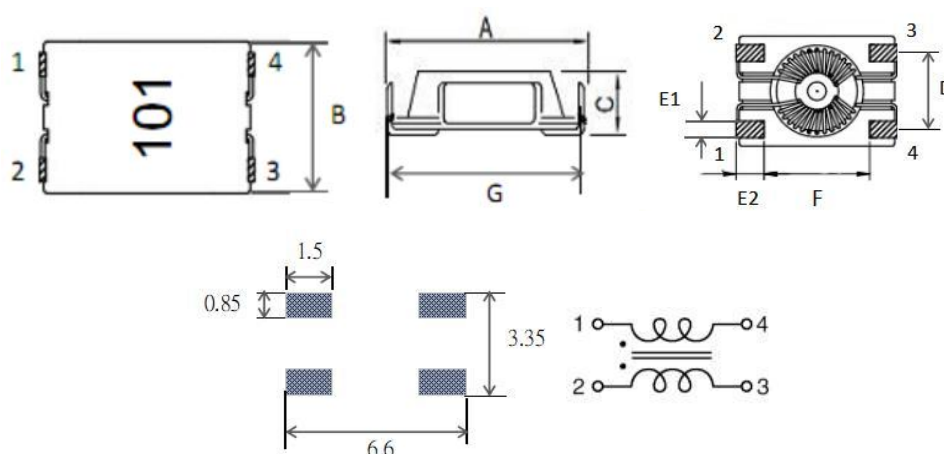
PRODUCT IDENTIFICATION

CMC 0602 S 100 T

(1) (2) (3) (4) (5)

- (1) Series name
- (2) Product dimensions
- (3) Feature Type (S:Sectional Winding)
- (4) Inductance Value (100:10uH, 101:100uH)
- (5) Package(T:Tape&Reel)

SHAPE AND DIMENSIONS



Unit:mm

Series	A	B	C	D	E1	E2	F	G
CMC0602	6.5 Max.	3.60±0.15	1.65±0.15	2.50±0.15	0.55±0.10	0.8 Typ.	3.4±0.2	6.0 Typ.

SPECIFICATIONS

CMC0602 Series

Part Number	Inductance ($\mu\text{H}@10\text{KHz}$)	Ls Typ. L1-4(2-3short) (nH@1MHz)	DCR Max. (Ω)	Irms Max. (A)	Impedance Typ.(Ω)	Rated Vol. Typ.(Vdc)	Hi-Pot(Vdc) 1,4-2,3 3mA/1S
CMC0602S100T	10 $\pm$ 50%	580	0.24	0.3	1200	80	250
CMC0602S470T	47 $\pm$ 50%	280	0.16	0.3	300	80	250
CMC0602S510T	51 $\pm$ 50%	270	0.16	0.3	300	80	250
CMC0602S820T	82 $\pm$ 50%	370	0.20	0.3	440	80	250
CMC0602S101T	100 $\pm$ 50%	530	0.22	0.3	500	80	250
CMC0602S181T	180 $\pm$ 50%	760	0.25	0.3	1000	80	250
CMC0602S221T	220 $\pm$ 50%	950	0.28	0.3	1200	80	250
CMC0602S331T	330 $\pm$ 50%	1300	0.30	0.3	2000	80	250

Note:

Winding Type: Sectional.

Irms: DC current that causes the temperature rise($\Delta T=40^{\circ}\text{C}$) from 25°C ambient.

CHARACTERISTICS CURVE

CMC0602 Series

