

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

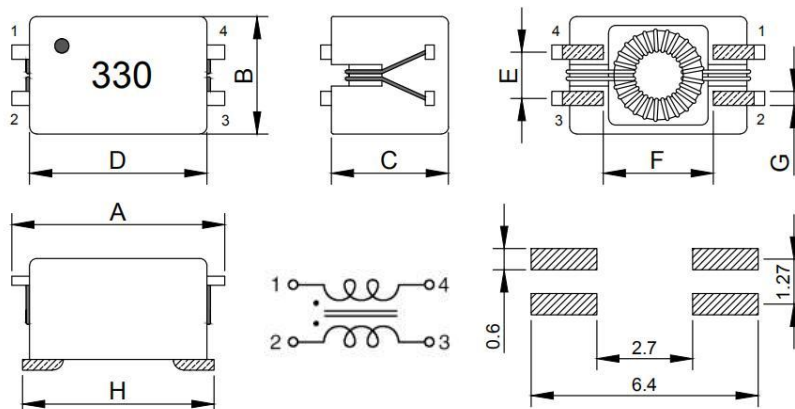
PRODUCT IDENTIFICATION

CMC 0503 B 110 T

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

- (1) Series name
- (2) Product dimensions
- (3) Feature Type (B:Bifilar Winding)
- (4) Inductance Value (110:11uH, 471:470uH)
- (5) Package(T:Tape&Reel)

SHAPE AND DIMENSIONS



Unit:mm

Series	A	B	C	D	E Ref	F Ref	G Ref	H Ref
CMC0503	6.0±0.3	3.3±0.3	3.3±0.3	5.0±0.3	1.3	3.1	0.4	5.4

SPECIFICATIONS

CMC0503 Series

Part Number	Inductance ($\mu\text{H}@10\text{KHz}$)	Tolerance	DCR Max.(Ω)	Irms Max.(A)	Impedance Typ.(Ω)	Rated Voltage Typ. (Vdc)	Hi-Pot(Vdc) 1,4-2,3 3mA/1S
CMC0503B110T	11	+50%/-30%	0.18	0.3	800	80	250
CMC0503B220T	22	+50%/-30%	0.23	0.3	1500	80	250
CMC0503B330T	33	+50%/-30%	0.27	0.3	2000	80	250
CMC0503B510T	51	+50%/-30%	0.32	0.3	2500	80	250
CMC0503B101T	100	+50%/-30%	0.58	0.3	4000	80	250
CMC0503B471T	470	+50%/-30%	0.35	0.3	2200	80	250

Note:

Winding Type: Bifilar.

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

CHARACTERISTICS CURVE

CMC0503 Series

