

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

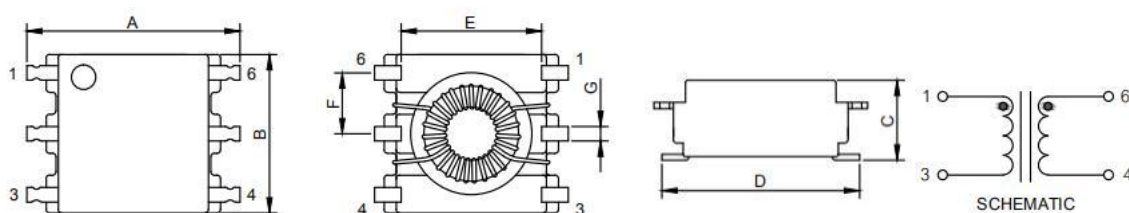
PRODUCT IDENTIFICATION

CMC 0903 B 680 T

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

- (1) Series name
- (2) Product dimensions
- (3) Feature Type (B:Bifilar Winding)
- (4) Inductance Value (680:68μH, 451:450μH)
- (5) Package(T:Tape&Reel)

SHAPE AND DIMENSIONS



Unit:mm

Series	A	B	C	D	E	F	G
CMC0903B	9.0 Max.	7.0 Max.	3.5 Max.	8.0±0.3	6.0±0.5	2.5±0.3	0.6 Typ.

SPECIFICATIONS

CMC0903B Series

Part Number	Inductance Min. ($\mu\text{H}@100\text{KHz}$)	DCR Max. ($\text{m}\Omega$)	Irms Max. (A)	Hi-Pot(Vdc) 1,3-6,4 2mA/5S	Leakage Inductance Max.(uH)
CMC0903B680T	68	58	1.27	300	-
CMC0903B700T	70	60	1.15	300	1.0
CMC0903B451T	450	260	0.50	200	-
CMC0903B801T	785	1000	0.50	200	-

Note:

Winding Type: Bifilar.

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