

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 ~ +85°C.



APPLICATIONS

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

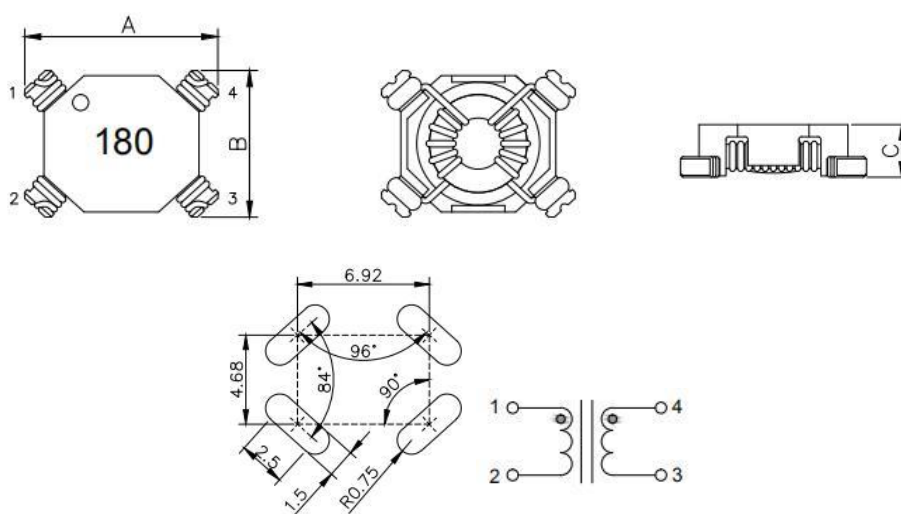
PRODUCT IDENTIFICATION

CMC 0903 S 200 T

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

- (1) Series name
- (2) Product dimensions
- (3) Feature Type (S:Sectional Winding)
- (4) Inductance Value (4R5:4.5μH, 200:20μH)
- (5) Package(T:Tape&Reel)

SHAPE AND DIMENSIONS



Unit:mm

Series	A	B	C
CMC0903S	9.4 Max.	7.2 Max.	2.6 Max.

SPECIFICATIONS

CMC0903S Series

Part Number	Inductance Min. (μ H@100KHz)	Leakage Inductance Typ.(uH@100KHz)	DCR Typ. (m Ω)	Irms Max. (A)	Hi-Pot(Vdc) 1,2-3,4 3mA/1S
CMC0903S4R5T	4.5	0.05	9	5.5	500
CMC0903S8R0T	8.0	0.09	4	5.7	500
CMC0903S120T	12.6	0.14	12	4.1	500
CMC0903S180T	18.0	0.20	8.9	3.8	500
CMC0903S200T	20.0	0.25	9.3	3.7	500
CMC0903S250T	25.0	0.28	10	3.6	500
CMC0903S330T	32.8	0.36	13.8	3.1	500
CMC0903S410T	41.5	0.45	19	2.6	500
CMC0903S470T	47.0	0.52	23	2.5	500
CMC0903S510T	51.2	0.56	26	2.2	500
CMC0903S620T	62.0	0.68	35	1.9	500
CMC0903S730T	73.7	0.81	48	1.65	500
CMC0903S101T	100	1.10	70	1.35	500
CMC0903S131T	131	1.45	100	1.15	500
CMC0903S161T	166	1.83	138	1.0	500
CMC0903S201T	205	2.25	186	0.85	500

Note:

Winding Type: Sectional.

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