

FEATURES

- Excellent impedance characteristics, making it great for suppressing common mode noise.
- Operating temperature: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$.



APPLICATIONS

- Current compensated choke for data and signal lines.
- Power supply system.
- Signal and sensor lines.
- Suppression of common mode noise.

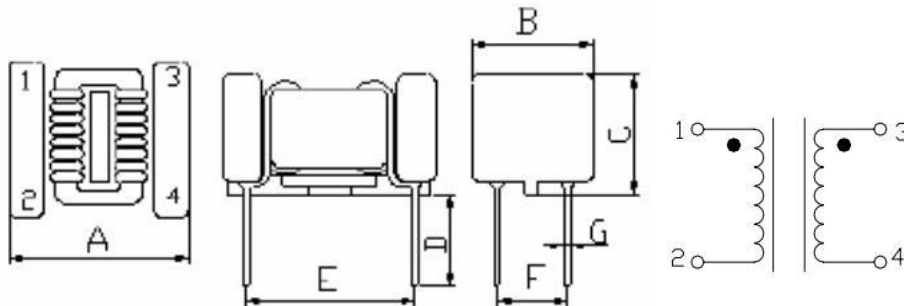
PRODUCT IDENTIFICATION

CMD 100707 S 120 B

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

- (1) 系列名称 Series name
- (2) 产品尺寸 Product dimensions
- (3) 特性类别 Feature Type
- (4) 感量 Inductance Value or 阻抗值 Impedance Value
- (5) 包装 Package(B:Box 盒装)

SHAPE AND DIMENSIONS



Series	A	B	C	D	E	F	G
CMD100707	11.0 Max.	7.5 Max.	7.0 ± 0.5	3.5 ± 0.1	7.5 ± 0.5	5.0 ± 0.5	0.6 Typ.

Unit:mm

SPECIFICATIONS**CMD100707 Series**

Part Number	Impedance Min.(Ω)			Inductance (μH@100KHz)	DCR Max. (mΩ)	Irms Max. (A)
	10MHz	50MHz	100MHz			
CMD100707S6R7B	-	-	-	6.75	20	3.0
CMD100707S8R0B	-	-	-	8.0	20	3.5
CMD100707S120B	-	-	-	11.9	45	2.0
CMD100707S701B	400	900	700	-	30	2.0
CMD100707S102B	600	1200	1000	-	30	3.0

Note:

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