

Common Mode Filter

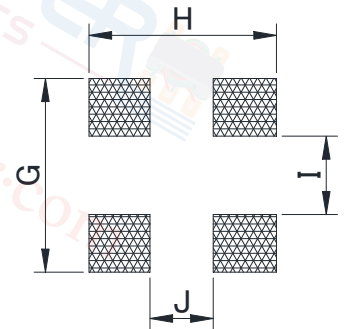
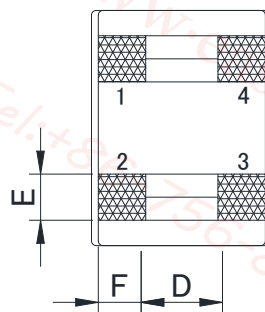
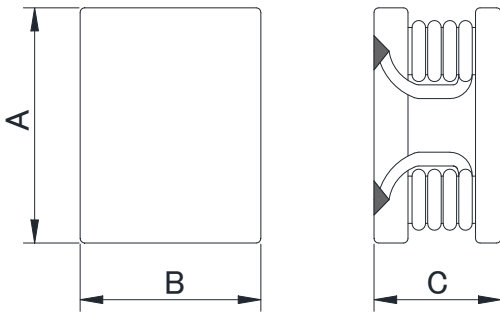
Features and application

- ◇ Miniature high current SMD type common mode filter for fully automated assembly.
- ◇ Excellent solderability.
- ◇ High impedance
- ◇ Notebook computers,DC-DC convertors,LCD display.
- ◇ Storage temperature range: $-40^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- ◇ Operating temperature range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$ (Including coil's self temperature rise)



Dimension (Unit:mm)

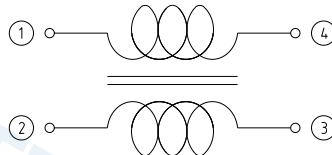
Recommended Land Pattern



A	B	C	D	E	F
7.5±0.5	6.0±0.5	3.2±0.5	2.0Typ.	2.5Typ.	1.5Typ.

G	H	I	J
8.5	7.0	1.5	1.0

Circuit Diagram



Specifications

Part Number	Common mode Impedance $Z (\Omega)$ 100MHz/0.5V		DCR ($m\Omega$) Max.	IDC (A) Max.	Wire P180 G1	MARK
	200 Min	250 Typ				
CMF7560-201	200 Min	250 Typ	20	2.0	ψ 0.32	201
CMF7560-301	300 Min	500 Typ	25	2.0	ψ 0.30	301
CMF7560-601	600 Min	800 Typ	30	2.0	ψ 0.30	601

- (1).IDC1: Temp.rise 40°C Typ
- (2).Operating temp.: -40°C to $+125^{\circ}\text{C}$
- (3).Storage temp.: -40°C to $+125^{\circ}\text{C}$

Packaging

Package quantity : 1500 (pcs/reel)