

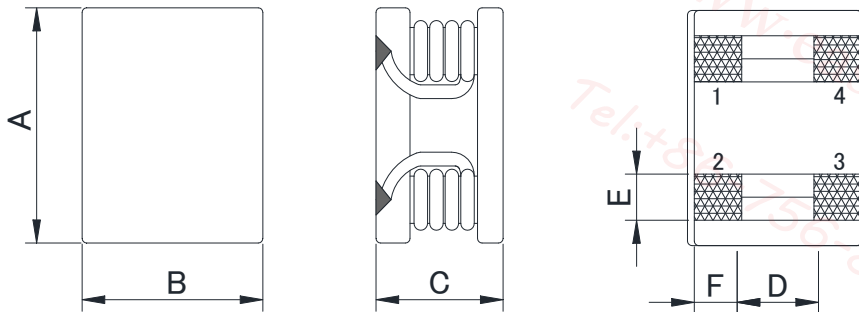
Common Mode Filter

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)

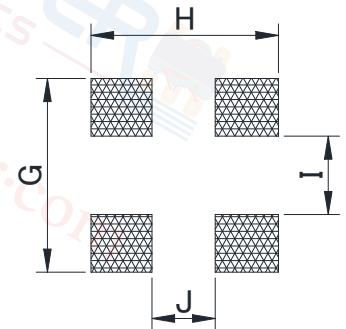


Dimension (Unit:mm)



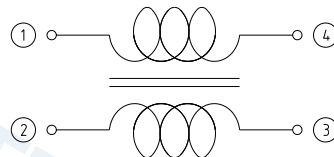
A	B	C	D	E	F
12.0±0.5	10.0±0.5	6.0±0.5	3.8 Typ.	2.5 Typ.	2.5 Typ.

Recommended Land Pattern



G	H	I	J
13.0	11.0	3.0	2.6

Circuit Diagram



Specifications

Part Number	Common mode Impedance $Z (\Omega)$ 100MHz/0.5V		DCR (m Ω) Max.	IDC (A) Max.	Wire P180 G1	MARK
	700 Min	900 Typ				
CMF1210-701	700 Min	900 Typ	12	6.0	ψ 0.6	701
CMF1210-801	800 Min	1200 Typ	20	5.0	ψ 0.5	801
CMF1210-102	1000 Min	1200 Typ	20	5.0	ψ 0.5	102
CMF1210-132	1200 Min	1400 Typ	36	4.0	ψ 0.45	132

- (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 : 500 (pcs/reel)