

Common Mode Filter

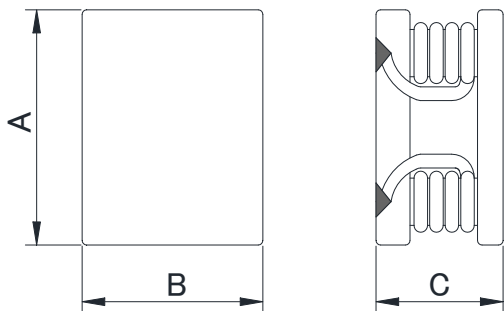
REV: 0

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)

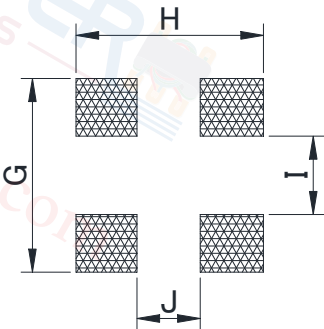


Dimension (Unit:mm)



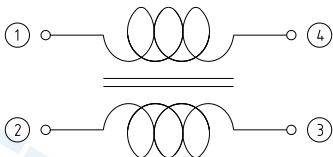
A	B	C	D	E	F
10.0±0.5	8.0±0.5	5.0±0.5	3.2 Typ.	2.8Typ.	1.8Typ.

Recommended Land Pattern



G	H	I	J
11.0	9.0	3.4	2.2

Circuit Diagram



Specifications

Part Number	Common mode Impedance $Z(\Omega)$ 100MHz/0.5V		DCR (m Ω) Max.	IDC (A) Max.	Wire P180 G1	MARK
CMF1080-551	500 Min	550 Typ	10	5.0	$\psi 0.55$	551
CMF1080-601	600 Min	700 Typ	30	4.5	$\psi 0.5$	601
CMF1080-701	600 Min	700 Typ	30	4.5	$\psi 0.5$	701
CMF1080-102	800 Min	1000 Typ	45	4.0	$\psi 0.4$	102

- (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 : 900 (pcs/reel)