

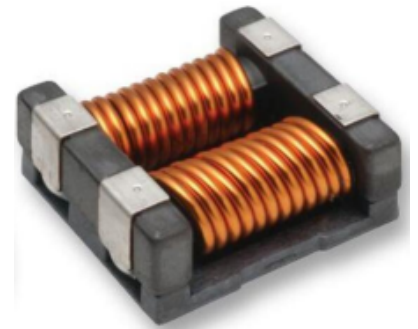
# Common Mode Filter

## Features

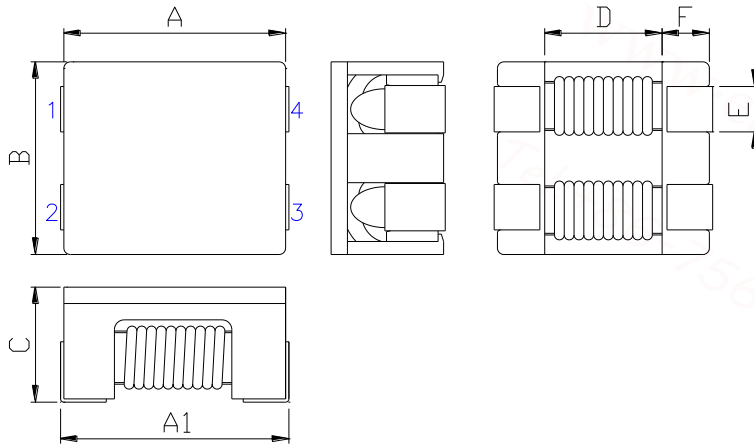
- ▶ Due to the low profile design, it is suitable for surface mount.
- ▶ High impedance characteristic has been achieved a superior effect for common mode noise suppression.
- ▶ Have achieved miniaturization while keeping characteristics by adoption of exclusive square type closed magnetic cores.

## Applications

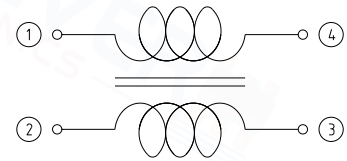
- ▶ For DC power lines (elec-tronics control equipment, multi-media etc).



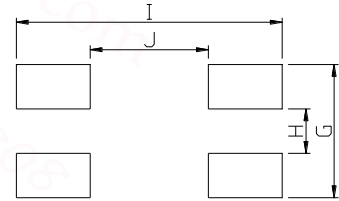
## Dimension (Unit:mm)



## Circuit Diagram



## Recommended Land Pattern



A	A1	B	C	D	E	F
15.0±0.5	15.5±0.8	13.0±0.5	6.2Max.	9.0 Typ.	2.7 Typ.	3.0 Typ.

G	H	I	J
9.5	3.3	16.0	8.0

## Specifications

Part Number	Impedance (Ohm) Typ.(Min.)	DCR (mohm) Max.	Rated Current (A) Max.	Insulation resistance (MΩ)min.	Rated voltage (Vdc) max.	Test Frequency (Hz)
CMF1513-301	300(250)	5	13.0	10	80	100M
CMF1513-551	550(450)	6	10.0	10	80	100M
CMF1513-701	700(500)	7	10.0	10	80	100M

## Packaging

Package quantity : 350 (pcs/reel)

- The Rated current : The DC current at which the temperature rise is  $\Delta t=40^{\circ}\text{c}$ (approximately)
- All specifications are subject to change without notice.
- Update date : 2020.02.02