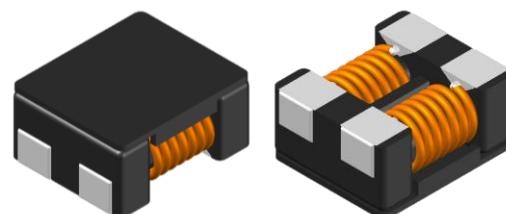


# CME-CPCF706040PN-SERIES

## Features

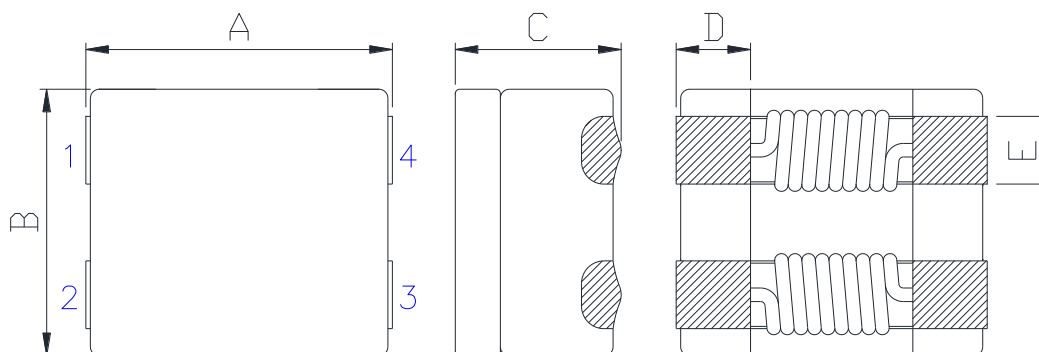
- ▶ It is suitable for surface mount.
- ▶ High impedance characteristic has been achieved a superior effect for common mode noise suppression.
- ▶ Have achieved miniaturization while keeping characteristics by adoption of exclusive square type closed magnetic cores.



## Applications

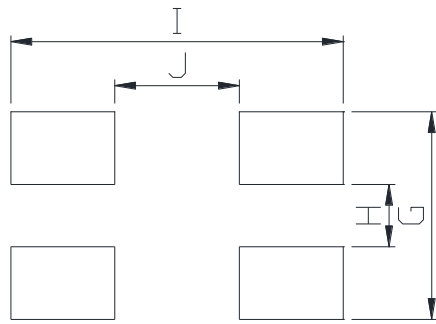
- ▶ Measures against common mode noise in power lines for various DC power lines, multimedia devices, and various electronic devices, including automotive power trains and safety applications.

## Dimension (Unit:mm)



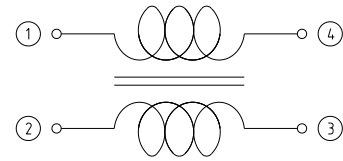
A	B	C	D	E
7.5 ±0.8	6.0 ±0.5	4.0 Max.	1.7 Typ.	1.5 Typ.

## Recommended Land Pattern



G	H	I	J
5.0	1.5	8.0	3.0

## Circuit Diagram



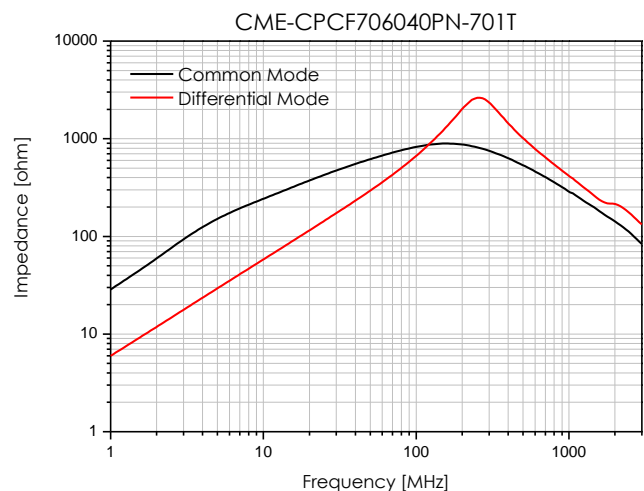
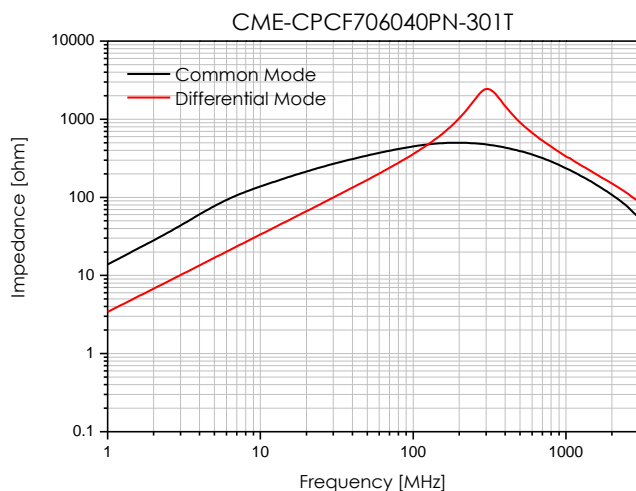
## Specifications

Part Number	Impedance (Ohm) Typ.(Min.)	DCR (mohm) Max.	Rated Current (A) Max.	Insulation resistance (MΩ)min.	Rated voltage (Vdc) max.	Test Frequency (Hz)
CME-CPCF706040PN-301T	300(225)	12	4.8	10	80	100M
CME-CPCF706040PN-701T	700(500)	18	3.8	10	80	100M

- The Rated current : The DC current at which the temperature rise is  $\Delta t=40\text{ }^{\circ}\text{C}$ (approximately)
- Operating Temperature Range(including self temperature) :  $-40\text{ }^{\circ}\text{C} \sim +125\text{ }^{\circ}\text{C}$

Note 1 : Circuit design, component placement, PCB trace size and thickness, airflow and other cooling. Provision all affect the part Temperature. Part temperature should be verified in the end application.

## Electrical characteristics

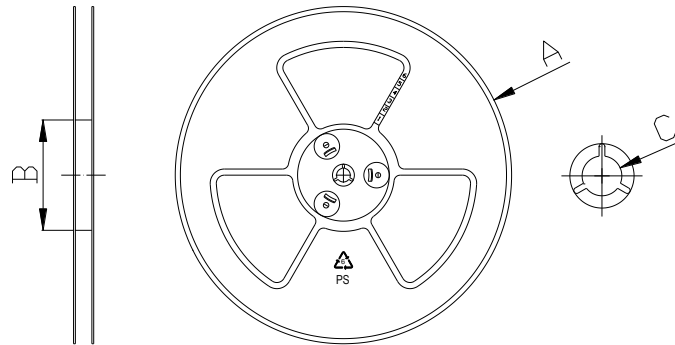


- You can also contact us by e-mail : [coilmaster@coilmaster.com](mailto:coilmaster@coilmaster.com)
- All specifications are subject to change without notice.
- Update date : 2023.05.03

## Packaging

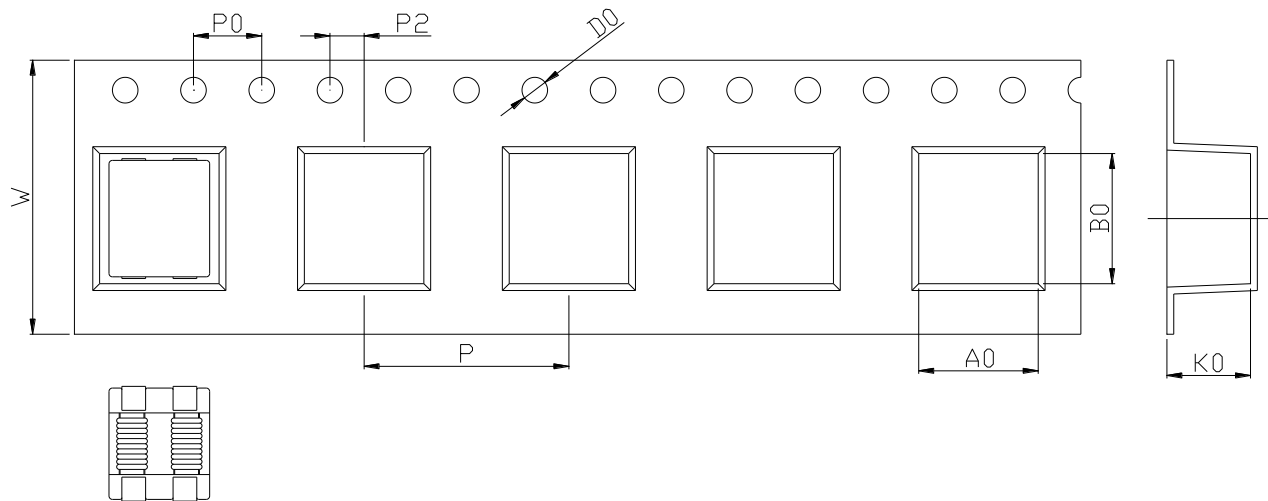
(1) Package quantity : 500 (pcs/reel)

(2) Reel Dimensions (unit:mm)



A	B	C
330	100	13

(3) Tape Dimensions



W	A0	B0	K0	P	P0	P2	D0
16.0	7.0	8.3	4.3	12.0	4.0	2.0	1.5

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 LA Sales Office (USA) +1)714-616-6989

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