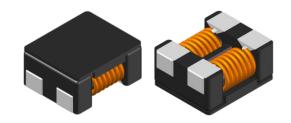


CME-CPCF474521PN-SERIES

Features

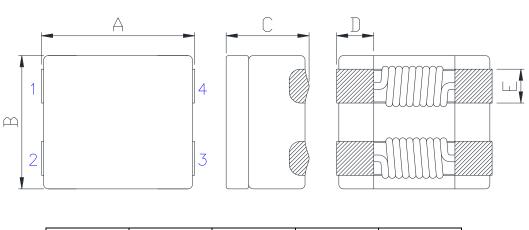
- ▶ It is suitable for surface mount.
- ► High impedance characteristic has been achieved a superior effect for common mode noise suppression.
- ► Have achieved miniaturization while keeping characteristics by adoption of exclusive square type closed magnetic cores.



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)



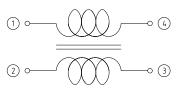
Α	В	С	D	Е
5.2 ±0.8	4.5 ±0.5	2.1 Max.	1.0 Typ.	0.8 Typ.

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

Recommended Land Pattern

G H I J 3.0 1.0 6.0 2.0

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-CPCF474521PN-231T	230(180)	55	1.8	10	50	100M
CME-CPCF474521PN-421T	420(300)	60	1.5	10	50	100M
CME-CPCF474521PN-901T	900(650)	80	13	10	50	100M
CME-CPCF474521PN-142T	1400(1000)	95	1.1	10	50	100M

- The Rated current: The DC current at which the temperature rise is △t=40 °c(approximately)
- Operating Temperature Range(including self temperature) : -40°c ~ +125 °c

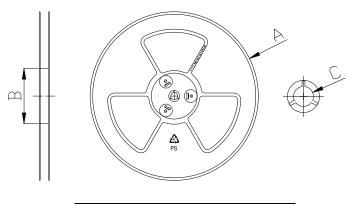
Note 1: Circuit design, component placement, PCB trace size and thickness, airflow and other cooling. Provision all affect the part Temperature. Part temperature should be verified in the end application.

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Packaging

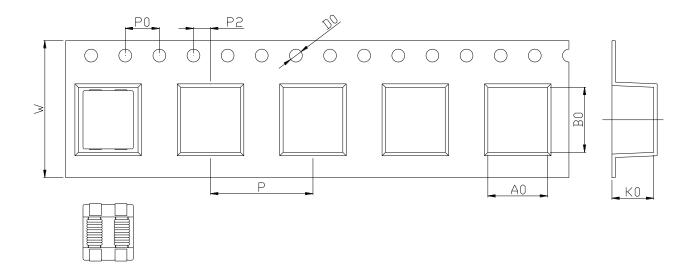
(1) Package quantity: 500 (pcs/reel)

(2) Reel Dimensions (unit:mm)



Α	В	С		
178	60	13		

(3) Tape Dimensions



W	Α0	ВО	KO	Р	P0	P2	D0
12.0	5.5	6.0	2.5	8.0	4.0	2.0	1.5

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