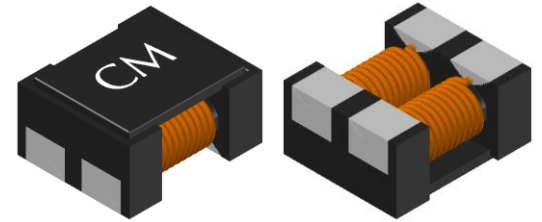


CME-CPCF474521 V-SERIES

Features

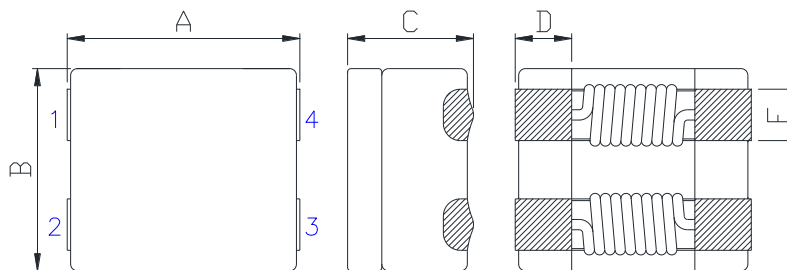
- ▶ Due to the low profile design, it is suitable for surface mount.
- ▶ High impedance characteristic has been achieved a superior effect for common mode noise suppression.
- ▶ Have achieved miniaturization while keeping characteristics by adoption of exclusive square type closed magnetic cores.



Applications

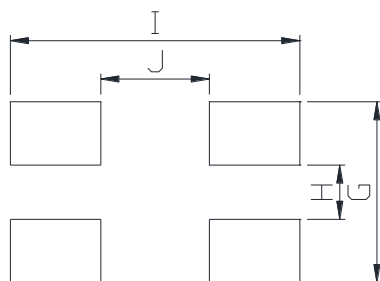
- ▶ Measures against common mode noise in power lines for various DC power lines, multimedia devices, and various electronic devices, including automotive power trains and safety applications.

Dimension (Unit:mm)



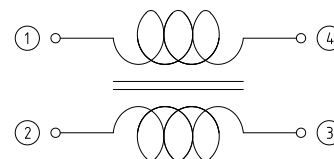
A	B	C	D	E
5.2 ±0.8	4.5 ±0.5	2.1 Max.	1.0 Typ.	0.8 Typ.

Recommended Land Pattern



G	H	I	J
3.0	1.0	6.0	2.0

Circuit Diagram



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

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-CPCF474521V-231T	230(180)	55	1.8	10	50	100M
CME-CPCF474521V-421T	420(300)	60	1.5	10	50	100M
CME-CPCF474521V-901T	900(650)	80	1..3	10	50	100M
CME-CPCF474521V-142T	1400(1000)	95	1.1	10	50	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.

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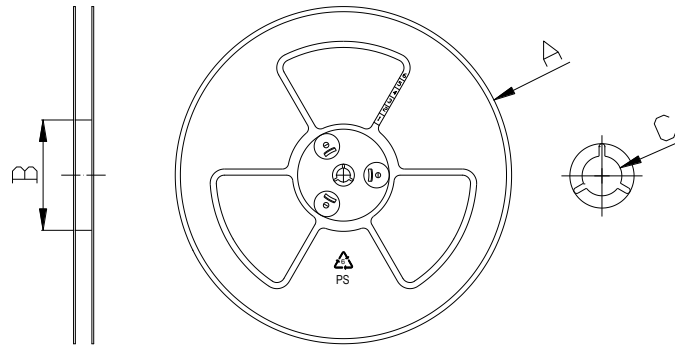
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Packaging

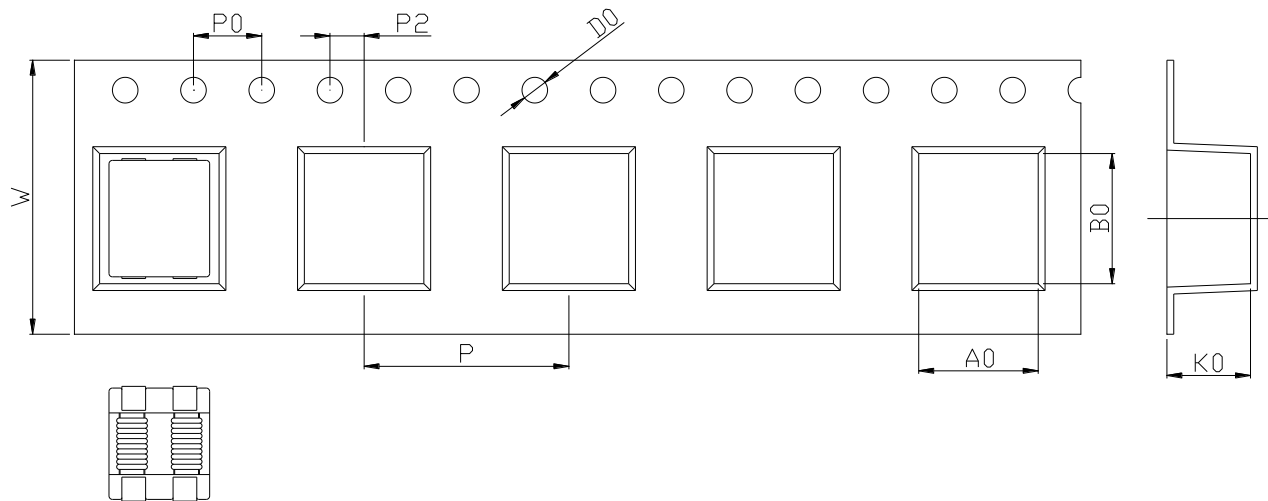
(1) Package quantity : 500 (pcs/reel)

(2) Reel Dimensions (unit:mm)



A	B	C
178	60	13

(3) Tape Dimensions



W	A0	B0	K0	P	P0	P2	D0
12.0	5.5	6.0	2.5	8.0	4.0	2.0	1.5

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