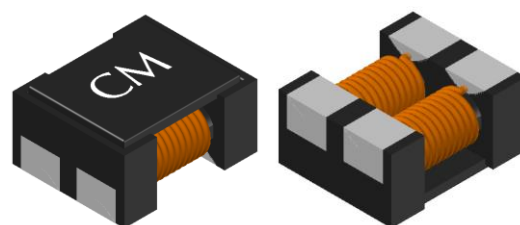


CME-PCF907050V-SERIES

Features

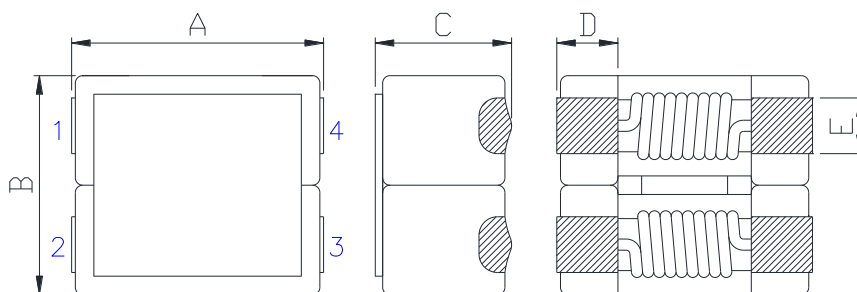
- ▶ Due to the low profile design, it is suitable for surface mount.
- ▶ High impedance characteristic has been achieved a superior effect for common mode noise suppression.
- ▶ Have achieved miniaturization while keeping characteristics by adoption of exclusive square type closed magnetic cores.



Applications

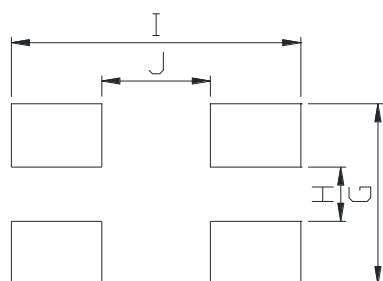
- ▶ For DC power lines (Electronics control equipment, multi-media etc).

Dimension (Unit:mm)



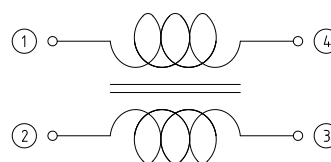
A	B	C	D	E
9.5 ±0.8	7.0 ±0.5	5.0 Max.	1.7 Typ.	1.5 Typ.

Recommended Land Pattern



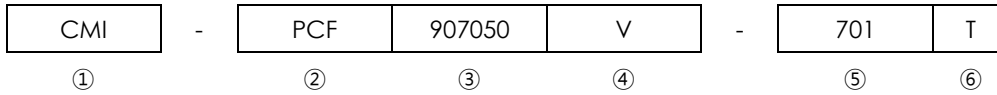
G	H	I	J
6.0	1.5	10.5	5.0

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

Regulation of part number



- ① CoilMaster's initial
- ② Series Name : Power line Common mode Filter
- ③ Size (unit:mm)
- ④ Type
- ⑤ Typical impedance value (700 ohm)
- ⑥ Packing type (Taping)

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-PCF907050V-701T	700(450)	10	4.8	10	80	100M
CME-PCF907050V-152T	1500(1100)	33	2.8	10	80	100M

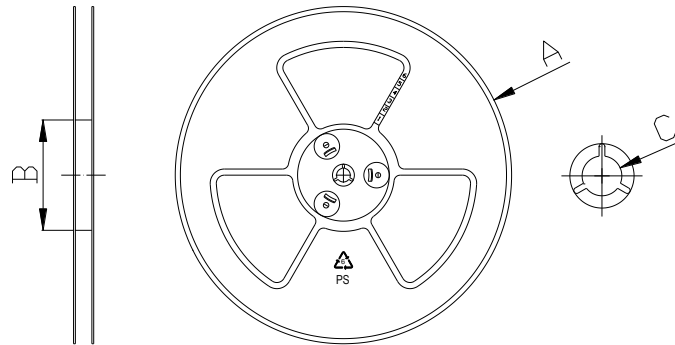
- The Rated current : The DC current at which the temperature rise is $\Delta t=40\text{ }^{\circ}\text{c}$ (approximately)
- Operating Temperature Range(including self temperature) : $-40\text{ }^{\circ}\text{c} \sim +125\text{ }^{\circ}\text{c}$

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.

Packaging

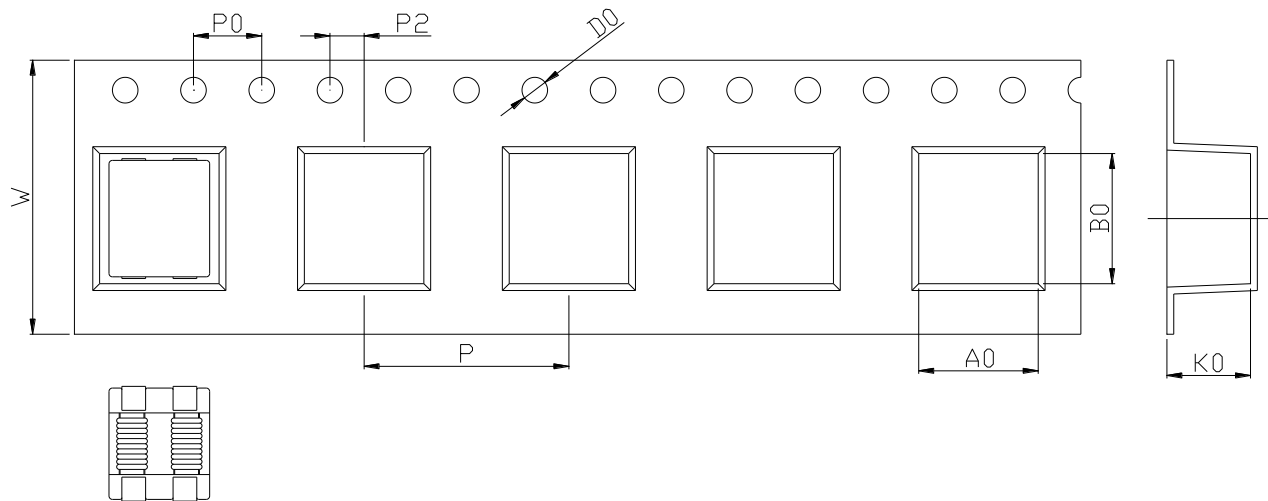
(1) Package quantity : 500 (pcs/reel)

(2) Reel Dimensions (unit:mm)



A	B	C
330	100	13

(3) Tape Dimensions



W	A0	B0	K0	P	P0	P2	D0
16.0	8.0	10.0	5.3	12.0	4.0	2.0	1.5

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