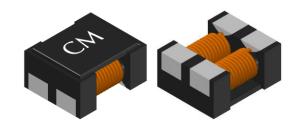




CME-CPCF907050V-SERIES

Features

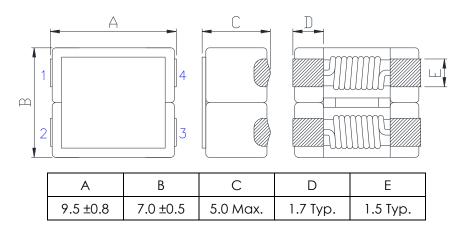
- ▶ Due to the low profile design, it is suitable for surface mount.
- ▶ High impedance characteristic has been achieved a superior effect for common mode noise suppression.
- ► Have achieved miniaturization while keeping characteristics by adoption of exclusive square type closed magnetic cores.



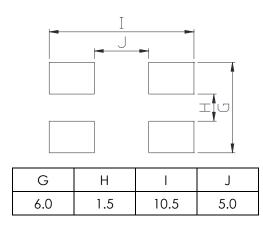
Applications

▶ 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.

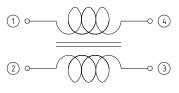
Dimension (Unit:mm)



Recommended Land Pattern



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

СМІ	-	CPCF	907050	٧	-	701	T
<u> </u>	•	(2)	3	(4)	<u>-</u> '	(5)	6

- CoilMaster's initial
- ② Series Name: Car 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-CPCF907050V-701T	700(450)	10	4.8	10	80	100M
CME-CPCF907050V-152T	1500(1100)	33	2.8	10	80	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

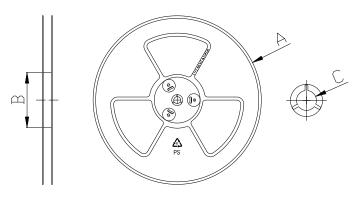
Note 1 : Circuit design, component placement, PCB trace size and thickness, airflow and other cooling. Provision all affect the part Temperature. Part temperature should be verified in the end application.

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Packaging

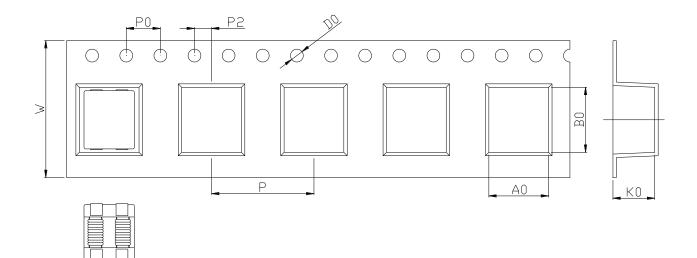
(1) Package quantity: 500 (pcs/reel)

(2) Reel Dimensions (unit:mm)



Α	В	С		
330	100	13		

(3) Tape Dimensions



W	Α0	ВО	KO	Р	P0	P2	D0
16.0	8.0	10.0	5.3	12.0	4.0	2.0	1.5

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