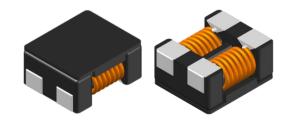


# CME-CPCF907050PN-SERIES

#### **Features**

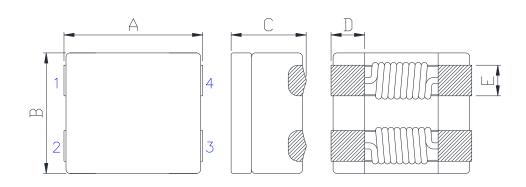
- ▶ It is suitable for surface mount.
- ► High impedance characteristic has been achieved a superior effect for common mode noise suppression.
- ► Have achieved miniaturization while keeping characteristics by adoption of exclusive square type closed magnetic cores.



#### **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)**



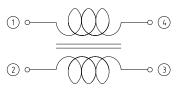
Α	В	С	D	E	
9.5 ±0.8	7.0 ±0.5	5.0 Max.	1.7 Typ.	1.5 Typ.	

- You can also contact us by e-mail: coilmaster@coilmaster.com
- All specifications are subject to change without notice.
- Update date: 2024.04.30

#### **Recommended Land Pattern**

# G H I J 6.0 1.5 10.5 5.0

#### **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-CPCF907050PN-701T	700(500)	12	4.8	10	80	100M
CME-CPCF907050PN-152T	1500(1100)	35	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

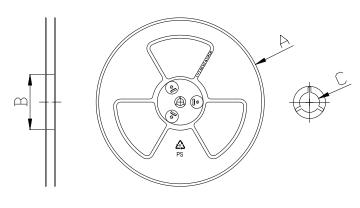
Note 1: Circuit design, component placement, PCB trace size and thickness, airflow and other cooling. Provision all affect the part Temperature. Part temperature should be verified in the end application.

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## **Packaging**

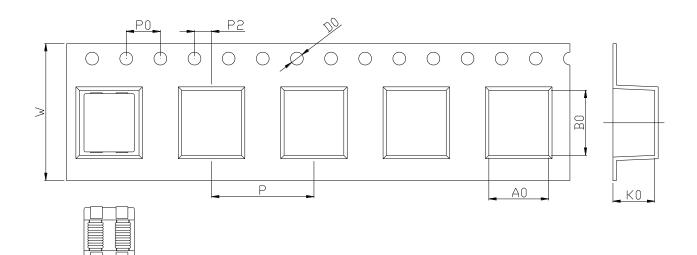
#### (1) Package quantity: 700 (pcs/reel)

# (2) Reel Dimensions (unit:mm)



Α	В	С		
330	100	13		

#### (3) Tape Dimensions



W	Α0	ВО	KO	Р	P0	P2	D0
24.0±0.3	7.6±0.1	9.6±0.1	5.1±0.1	16.0±0.1	4.0±0.1	2.0±0.1	1.5+01

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