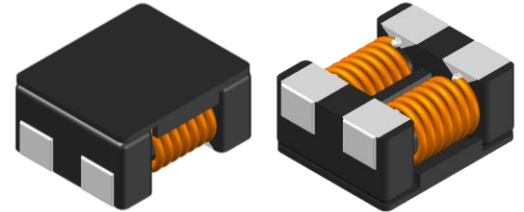


CME-PCF907050PN-SERIES

Features

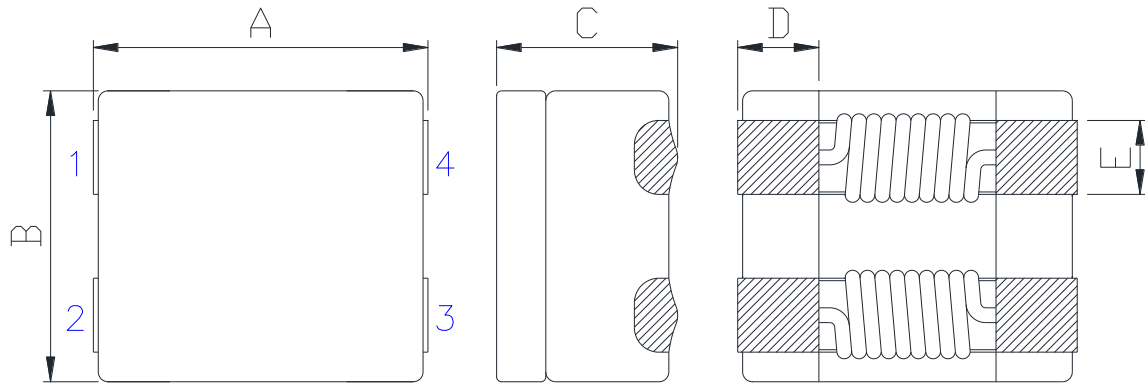
- ▶ It is suitable for surface mount.
- ▶ High impedance characteristic has been achieved a superior effect for common mode noise suppression.
- ▶ Have achieved miniaturization while keeping characteristics by adoption of exclusive square type closed magnetic cores.



Applications

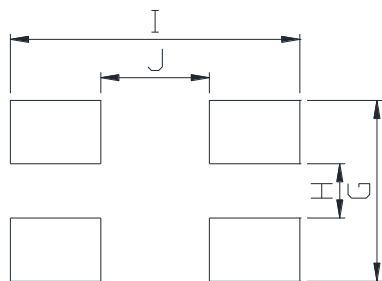
- ▶ For DC power lines (Electronics control equipment, multi-media etc).

Dimension (Unit:mm)



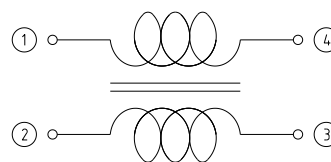
A	B	C	D	E
9.5 ±0.8	7.0 ±0.5	5.0 Max.	1.7 Typ.	1.5 Typ.

Recommended Land Pattern



G	H	I	J
6.0	1.5	10.5	5.0

Circuit Diagram



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-PCF907050PN-301T	300(180)	8	5.8	10	80	100M
CME-PCF907050PN-501T	600(380)	10	5.3	10	80	100M
CME-PCF907050PN-701T	700(450)	12	4.8	10	80	100M
CME-PCF907050PN-102T	1000(600)	15	3.8	10	80	100M
CME-PCF907050PN-152T	1500(1000)	35	2.8	10	80	100M
CME-PCF907050PN-222T	2200(1400)	60	2.3	10	80	100M
CME-PCF907050PN-272T	2700(1800)	95	1.8	10	80	100M

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

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.

▪ You can also contact us by e-mail : coilmaster@coilmaster.com

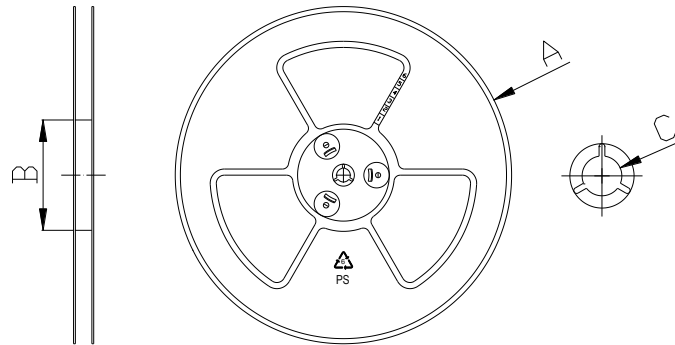
- All specifications are subject to change without notice.
- Update date : 2024.04.30

www.coilmaster.com

Packaging

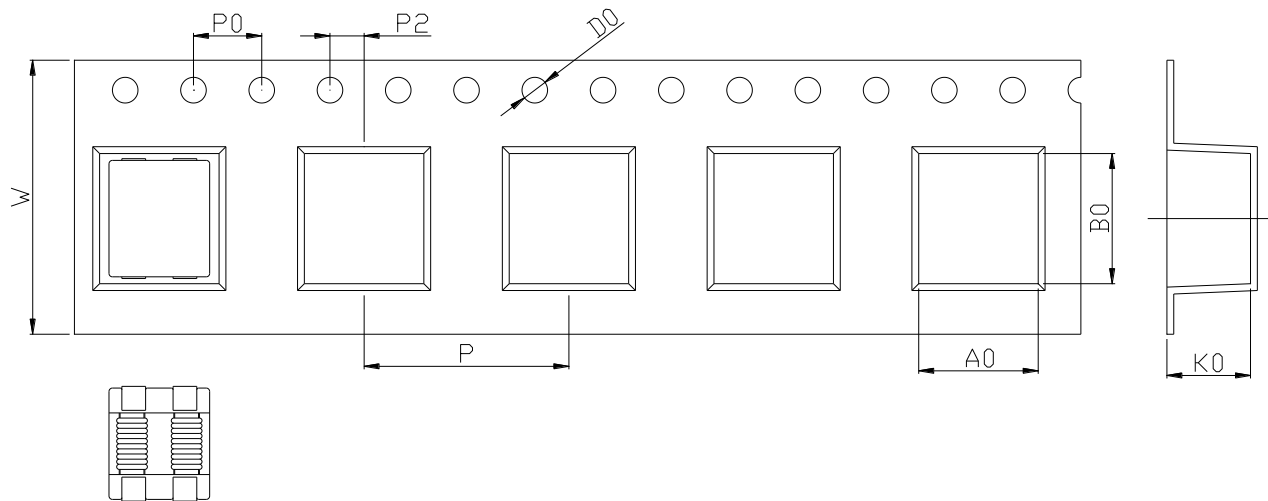
(1) Package quantity : 700 (pcs/reel)

(2) Reel Dimensions (unit:mm)



A	B	C
330	100	13

(3) Tape Dimensions



W	A0	B0	K0	P	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±0.1

Korea Sales Office (KOREA) +82)31-904-1444
 China Sales Office (CHINA) +86)0758-683-1444
 Hungary Sales office (EUROPE) +36)1-404-5832

H.K Sales Office (HONGKONG) +852)2711-5551
 LA Sales Office (USA) +1)714-616-6989

• You can also contact us by e-mail : coilmaster@coilmaster.com

- All specifications are subject to change without notice.
- Update date : 2024.04.30

www.coilmaster.com