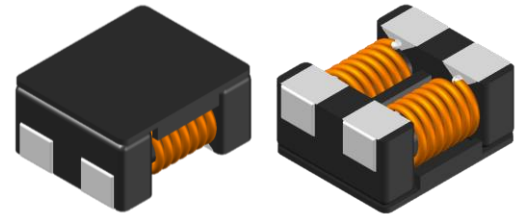


CME-PCF907050PN-SERIES

Features

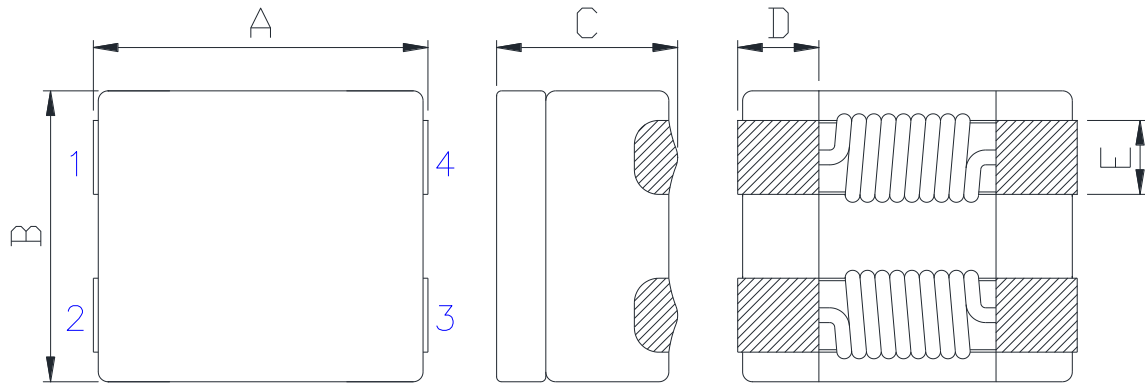
- ▶ It is suitable for surface mount.
- ▶ High impedance characteristic has been achieved a superior effect for common mode noise suppression.
- ▶ Have achieved miniaturization while keeping characteristics by adoption of exclusive square type closed magnetic cores.



Applications

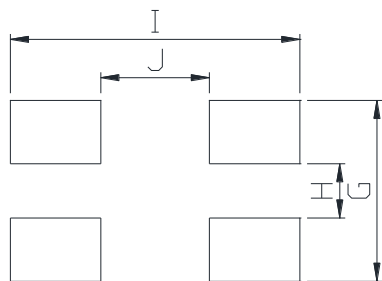
- ▶ For DC power lines (Electronics control equipment, multi-media etc).

Dimension (Unit:mm)



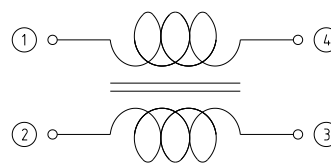
| A | B | C | D | E |
|----------|----------|----------|----------|----------|
| 9.5 ±0.8 | 7.0 ±0.5 | 5.0 Max. | 1.7 Typ. | 1.5 Typ. |

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 |
| | | | | | | |
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- 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

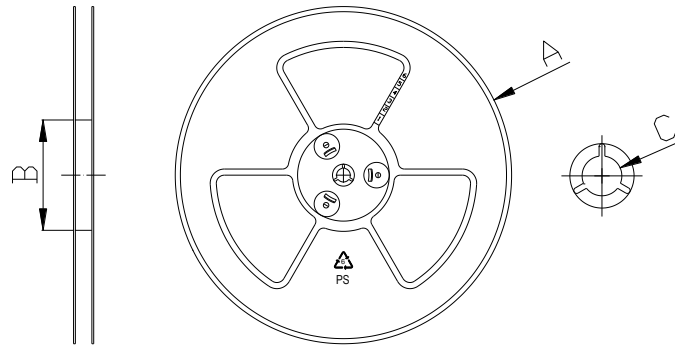
- All specifications are subject to change without notice.
- Update date : 2019.09.04

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Packaging

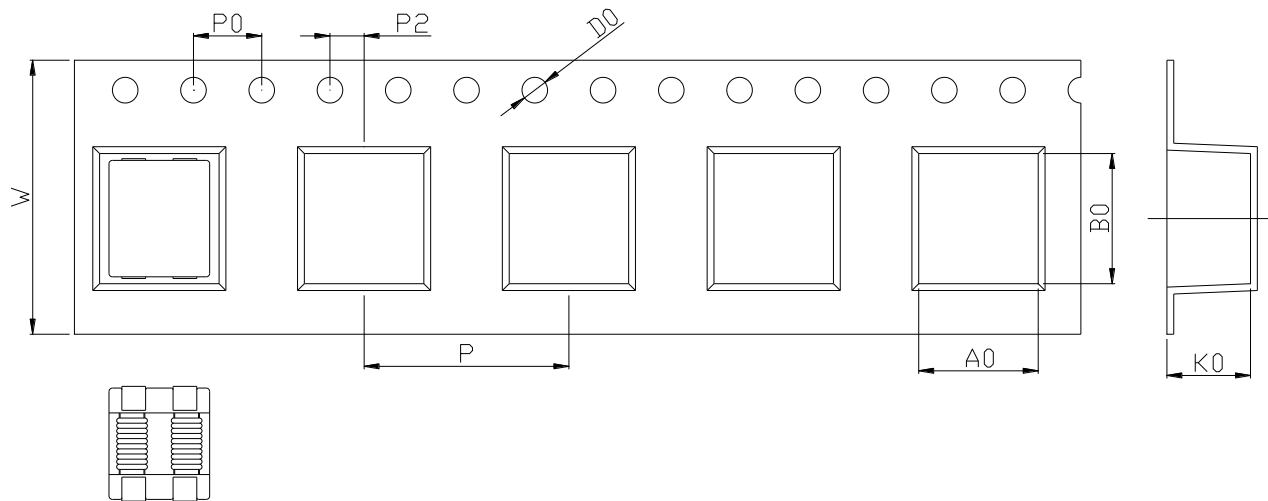
(1) Package quantity : 500 (pcs/reel)

(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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