



CME-CPCF151362PN-SERIES

Common mode filter for Power line

Features

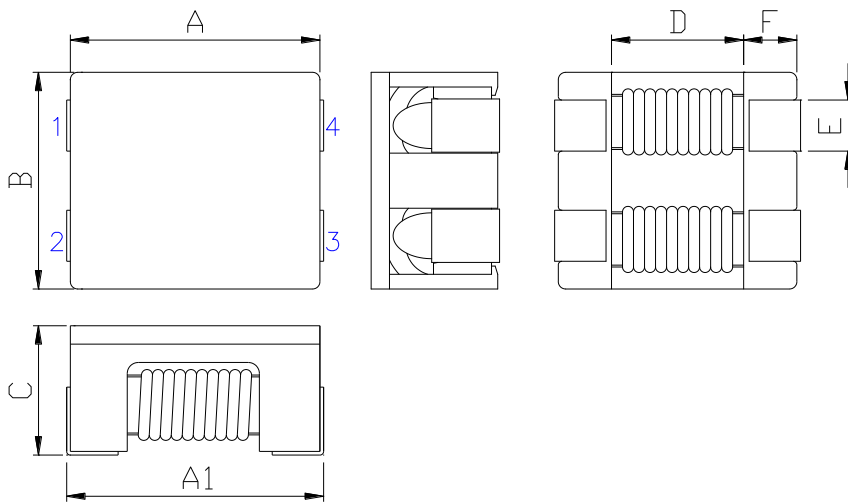
- ▶ Due to the low profile design, it is suitable for surface mount.
- ▶ High impedance characteristic has been achieved a superior effect for common mode noise suppression.
- ▶ Have achieved miniaturization while keeping characteristics by adoption of exclusive square type closed magnetic cores.



Applications

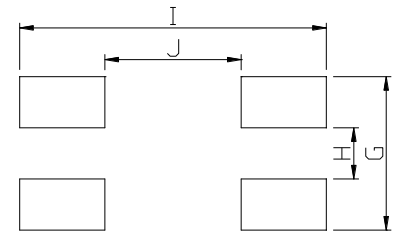
- ▶ Measures against common mode noise in power lines for various DC power lines, multimedia devices, and various electronic devices, including automotive power trains and safety applications.

Dimension (Unit:mm)



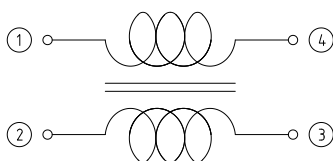
A	A1	B	C	D	E	F
15.0±0.5	15.5±0.8	13.0±0.5	6.2Max.	9.0 Typ.	2.7 Typ.	3.0 Typ.

Recommended Land Pattern



G	H	I	J
9.5	3.3	16.0	8.0

Circuit Diagram



- All specifications are subject to change without notice.
- Update date : 2022.07.06

Specifications

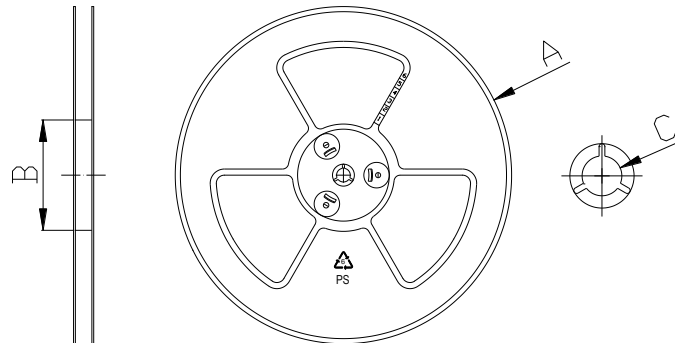
Part Number	Impedance (Ohm) Typ.(Min.)	DCR (mohm) Max.	Rated Current (A) Max.	Insulation resistance (MΩ)min.	Rated voltage (Vdc) max.	Test Frequency (Hz)
CME-CPCF151362PN-301T	300(180)	4.7	12.5	10	100	100M
CME-CPCF151362PN-551T	550(350)	7.0	9.8	10	100	100M
CME-CPCF151362PN-701T	700(450)	8.0	9.8	10	100	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) : $-40^{\circ}\text{c} \sim +125^{\circ}\text{c}$

Packaging

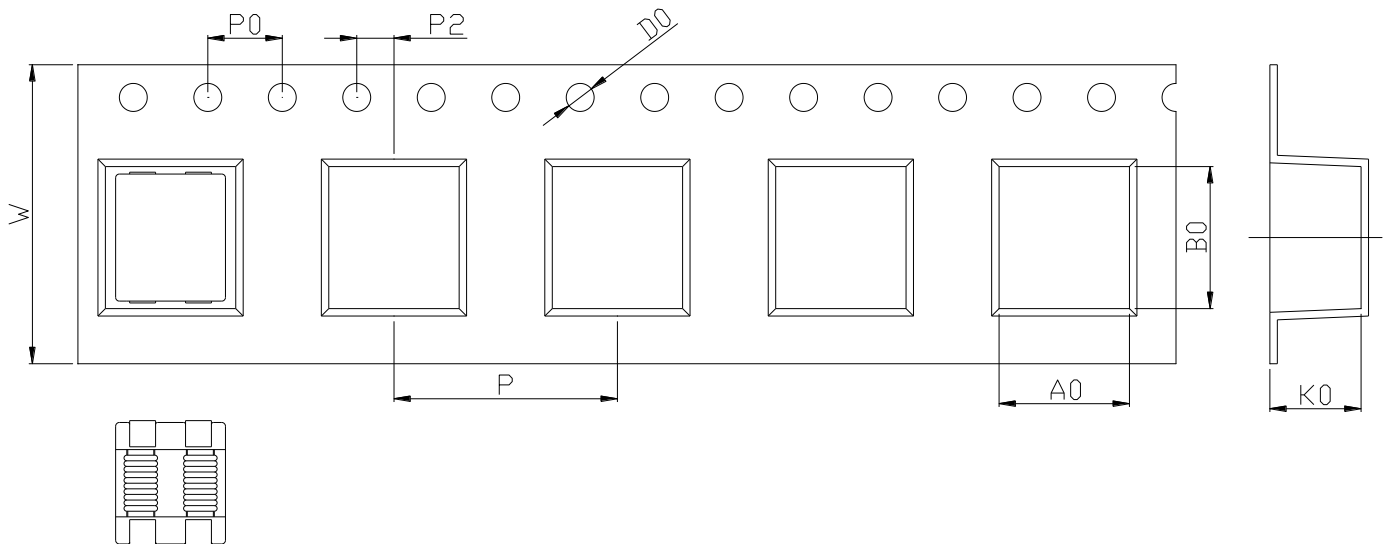
(1) Package quantity : 350 (pcs/reel)

(2) Reel Dimensions (unit:mm)



A	B	C
330	100	13

(3) Tape Dimensions



W	A0	B0	K0	P	P0	P2	D0
24.0	14.0	16.3	6.5	16.0	4.0	2.0	1.5

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