

# CME-PMCB201209H-SERIES

## Features

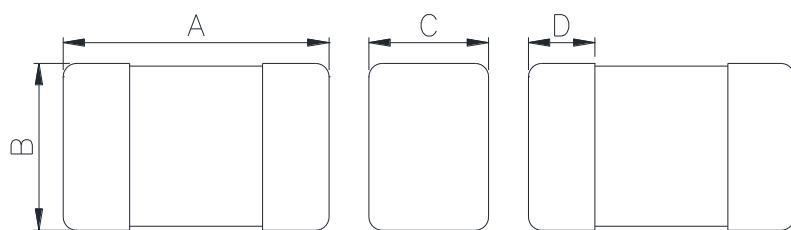
- ▶ Halogen-Free / RoHS compliant.
- ▶ Small size chips generate high impedance
- ▶ Monolithic structure for high reliability
- ▶ Excellent solderability and high heat resistance for either flow or reflow soldering
- ▶ The PMCB series can be used on particularly high current circuits due to its extremely low DC resistance. It can meet the power line to a maximum of DC-10A



## Applications

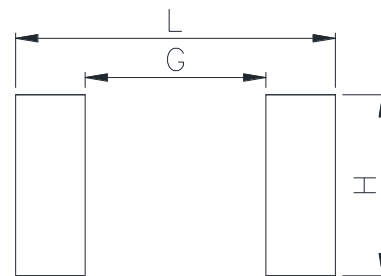
- ▶ Mother board, Tablet PC, Notebook, Desktop computers and peripheral equipment / DSC, DVC, LCD TV, Set top box / Digital communication equipment / Various automotive electronics / Various power line of electronic equipment

Dimension (Unit:mm)



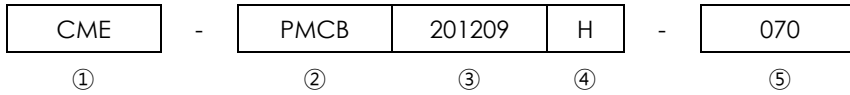
| A       | B        | C                                    | D       |
|---------|----------|--------------------------------------|---------|
| 2.0±0.2 | 1.25±0.2 | 0.9 <sup>+0.15</sup> <sub>-0.2</sub> | 0.2~0.8 |

Land Pattern (Unit:mm)



| L   | G   | H   |
|-----|-----|-----|
| 2.3 | 1.3 | 1.3 |

## Regulation of part number



- ① CoilMaster's initial
- ② Product Series Name
- ③ Core Size (unit:mm)
- ④ Material Code
- ⑤ Normal Impedance (070 : 7 ohm)

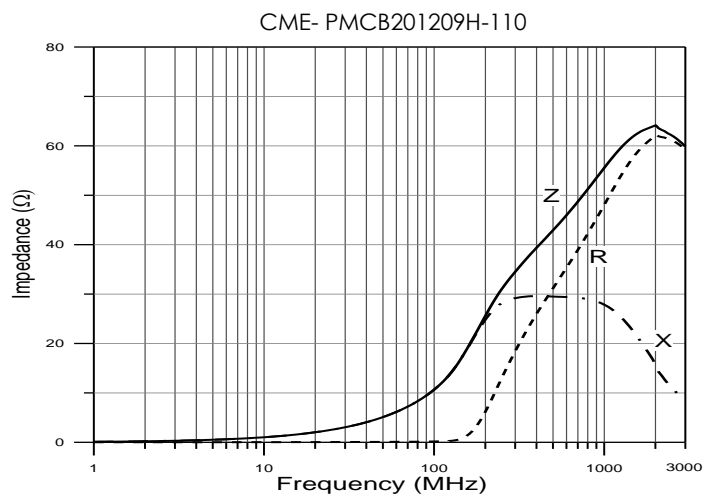
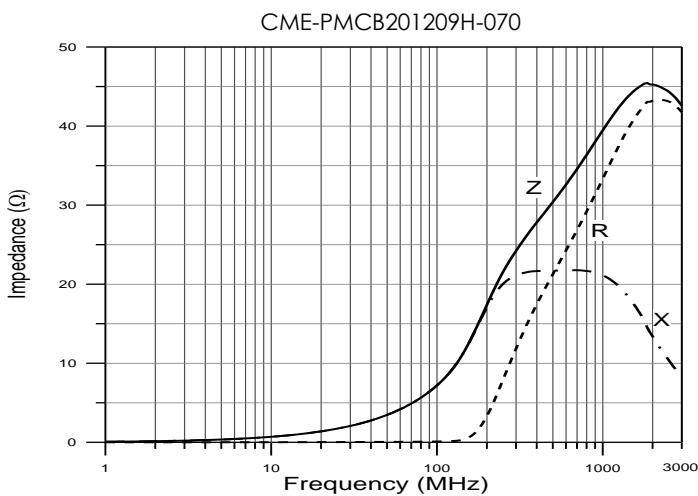
## Specifications

| Part Number         | Impedance (ohm) $\pm 25\%$ | DCR(ohm) Max. | Rated Current (A)Max. |
|---------------------|----------------------------|---------------|-----------------------|
| CME-PMCB201209H-070 | 7                          | 0.008         | 6.00                  |
| CME-PMCB201209H-110 | 11                         | 0.008         | 6.00                  |

- Test Condition : 100 MHz, 500 mV
- Rated Current : the DC current value having temperature increased 40 °c after thru DC current 2 hours at ambient temperature.
- Storage Temperature Range : -40 °c ~ +85 °c
- Operating Temperature Range : -55 °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.

## Electrical characteristics

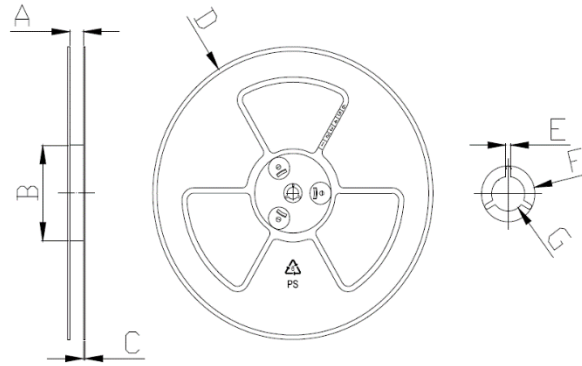


- You can also contact us by e-mail : [coilmaster@coilmaster.com](mailto:coilmaster@coilmaster.com)
- All specifications are subject to change without notice.
- Update date : 2023.03.29

## Packaging

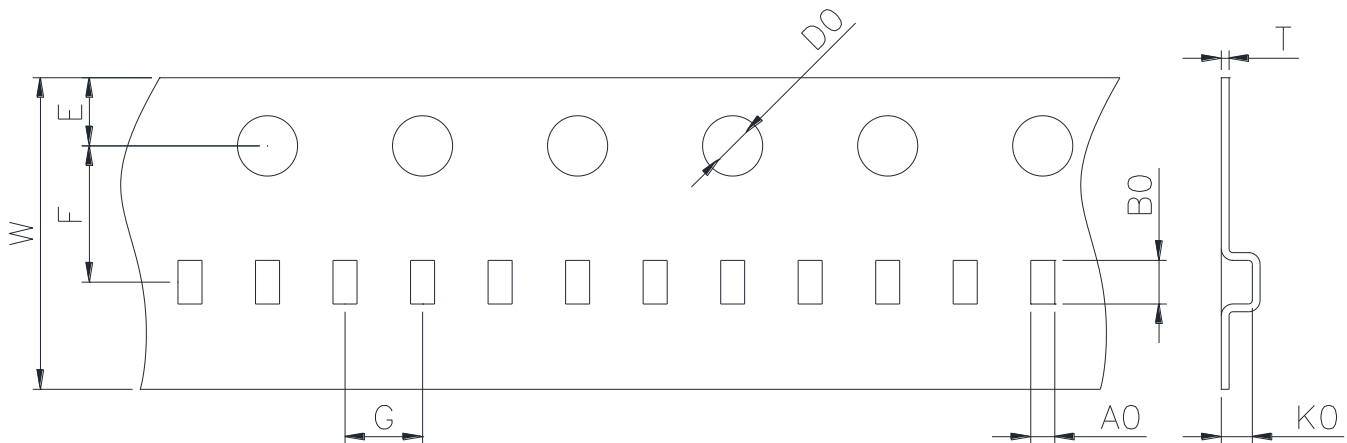
(1) Package quantity : 4,000 (pcs/reel)

(2) Reel Dimensions (unit:mm)



| A     | B     | C     | D     | E     | F     | G     |
|-------|-------|-------|-------|-------|-------|-------|
| 10.00 | 60.00 | 2.00  | 178.0 | 2.00  | 21.00 | 13.00 |
| +1.50 | +2.00 | +0.50 | +2.00 | +0.50 | +0.80 | +0.80 |
| -1.50 | -2.00 | -0.50 | -2.00 | -0.50 | -0.80 | -0.80 |

(3) Tape Dimensions



| W     | A0    | B0    | T     | E     | F     | G     | D0    | K0    |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 8.00  | 1.55  | 2.30  | 0.20  | 1.75  | 3.50  | 4.00  | 1.50  | 1.20  |
| +0.20 | +0.10 | +0.10 | +0.05 | +0.10 | +0.05 | +0.10 | +0.10 | +0.05 |
| -0.20 | -0.10 | -0.10 | -0.05 | -0.10 | -0.05 | -0.10 | -0.00 | -0.05 |

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](mailto:coilmaster@coilmaster.com)

- All specifications are subject to change without notice.
- Update date : 2023.03.29

[www.coilmaster.com](http://www.coilmaster.com)