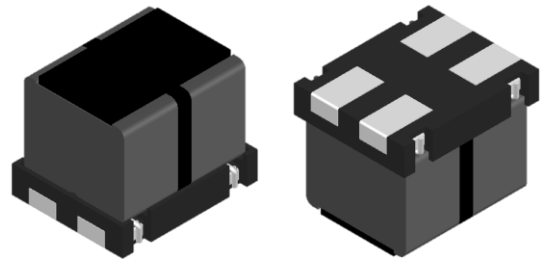


# CMI-TMMPB 10080MH-SERIES

## Features

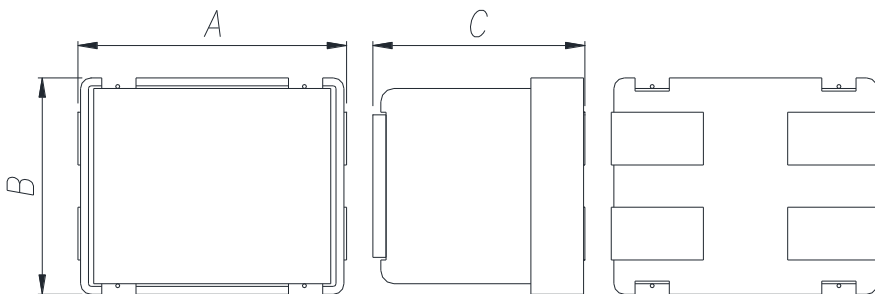
- ▶ Space reduction is realized by 2 in 1 construction
- ▶ Compact size using flat wire.
- ▶ High current, Low resistance
- ▶ Halogen-Free / RoHS compliant.
- ▶ AEC-Q200 qualified.



## Applications

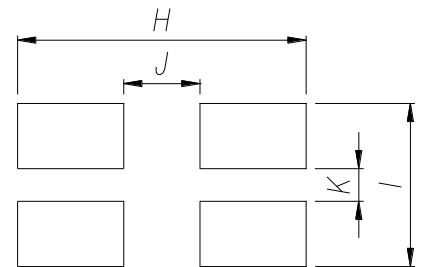
- ▶ Automotive (Car Audio, Car Navigation), Audio Visual  
(TV and Monitor, Mini component, AV amplifier, Amplifier for profile)

### Dimension (Unit:mm)



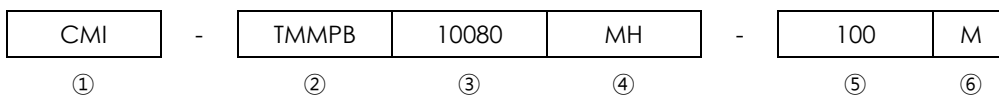
A	B	C
10.0±0.3	8.2±0.2	8.5 Max

### Land Pattern (Unit:mm)



H	I	J	K
10.6	6.0	2.8	1.2

## Regulation of part number



- ① CoilMaster's initial
- ② Series Name : Two in one Metal Molded Power inductor Base type
- ③ Size (unit:mm)
- ④ Material
- ⑤ Typical inductance value (10.0uH)
- ⑥ Inductance tolerance (±20%)

- 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 : 2022.05.25

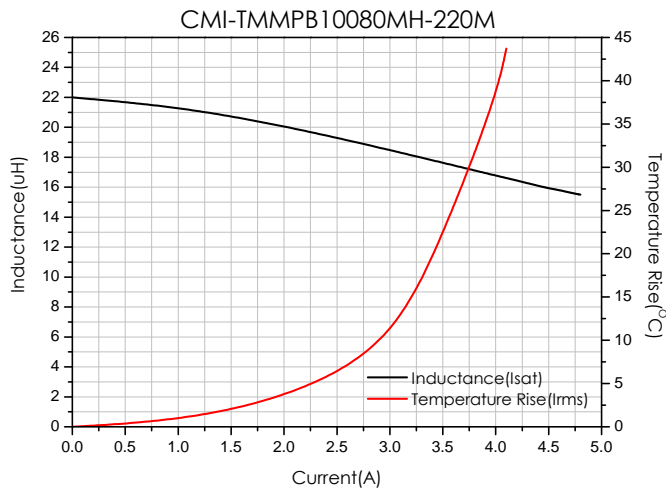
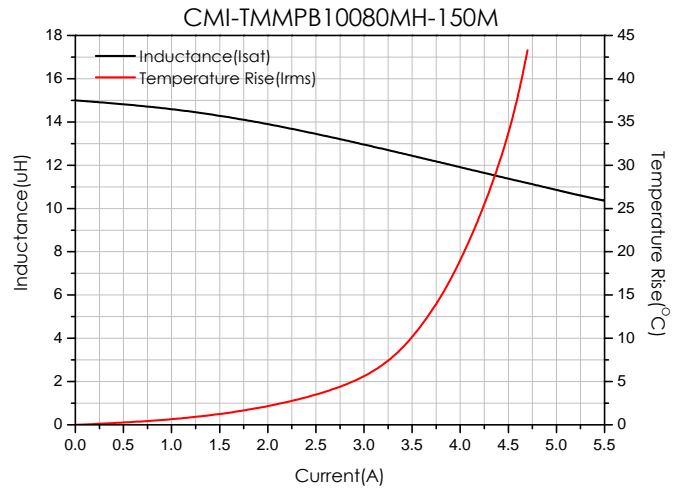
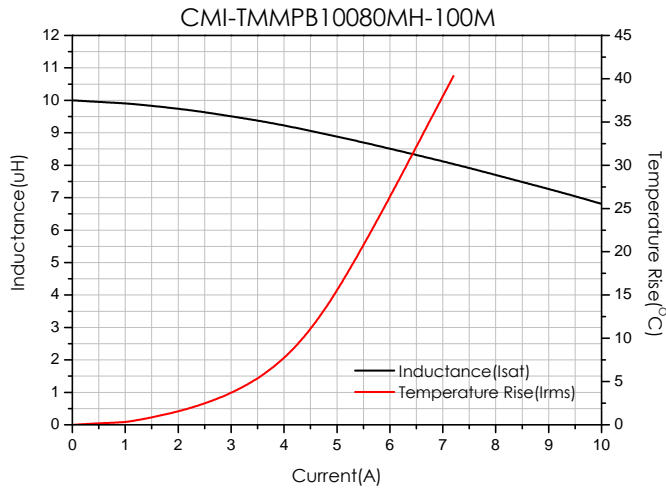
## Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max.(Typ.)	Isat(A) Max.(Typ.)	Irms(A) Max.(Typ.)	Test Frequency (Hz)
CMI-TMMPB10080MH-100M	10	66(55)	8.00(9.00)	6.00(6.50)	100k
CMI-TMMPB10080MH-150M	15	73.2(61)	4.80(5.30)	4.10(4.60)	100k
CMI-TMMPB10080MH-220M	22	94.8(79)	4.10(4.50)	3.60(4.00)	100k

- Isat: When based on the inductance change rate (approximately 30% below in the initial value)
- Irms: When based on the temperature increase (Temperature increase of approximately 40°C by self heating)
- Operating Temperature Range(including self temperature) : -40°C ~ +165 °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



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