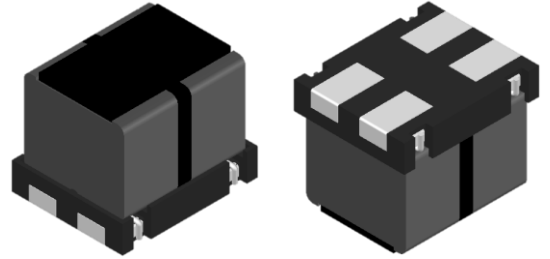


CMI-TMMPB13120HL-SERIES

Features

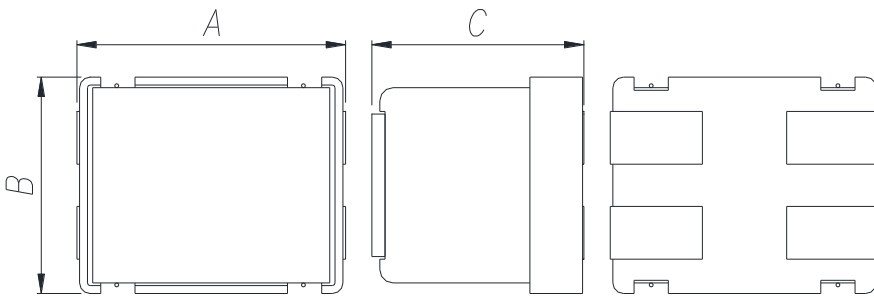
- ▶ Space reduction is realized by 2 in 1 construction
- ▶ High current, Low resistance
- ▶ Halogen-Free / RoHS compliant.
- ▶ AEC-Q200 qualified.



Applications

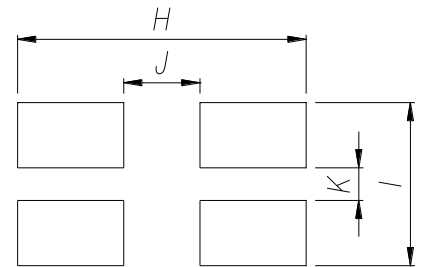
- ▶ Automotive (Car Audio, Car Navigation), Audio Visual (TV and Monitor, Mini component, AV amplifier, Amplifier for profile)

Dimension (Unit:mm)



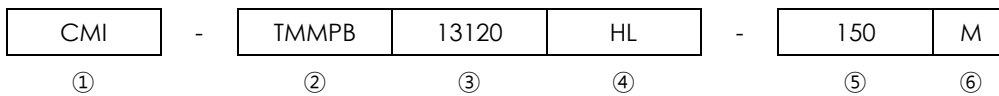
A	B	C
13.0±0.5	11.0±0.5	12.5 Max

Land Pattern (Unit:mm)



H	I	J	K
14.0	9.5	5.0	3.4

Regulation of part number



- ① CoilMaster's initial
- ② Series Name : Two Metal Molded Base type Power inductor
- ③ Core Size (unit:mm)
- ④ Material
- ⑤ Typical inductance value (15uH)
- ⑥ Inductance tolerance (±20%)

- You can also contact us by e-mail : coilmaster@coilmaster.com
- All specifications are subject to change without notice.
- Update date : 2021.07.02

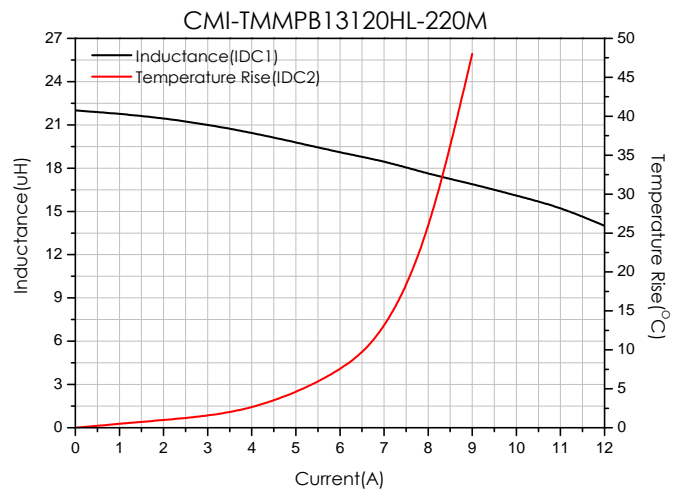
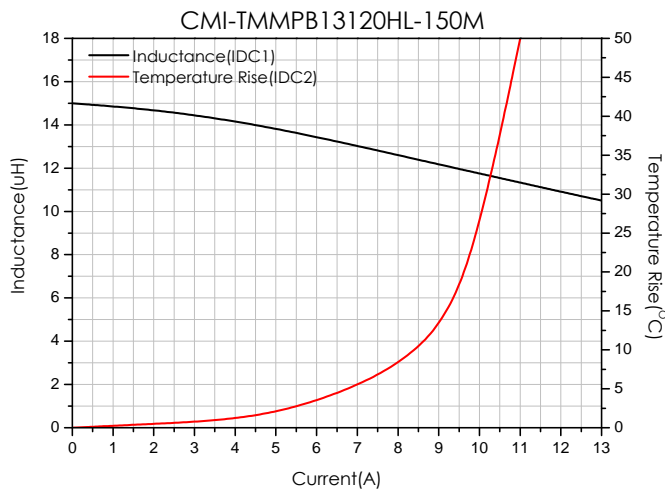
Specifications

Part Number	Inductance (uH) $\pm 20\%$	DCR(mohm) Max(Typ)	Isat(A) Max(Typ)	Irms(A) Max(Typ)	SRF Min(Hz)
CMI-TMMPB13120HL-150M	15.0	42.0(35.0)	10.00(11.50)	9.50(10.00)	7M
CMI-TMMPB13120HL-220M	22.0	54.0(45.0)	8.50(10.00)	8.00(8.50)	5M

- Test Frequency : 1MHz
- 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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