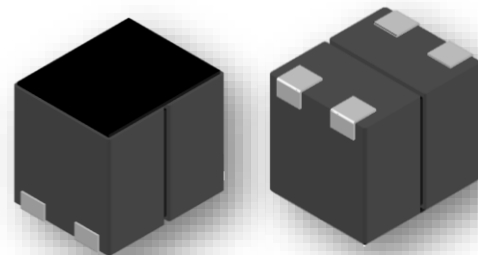


CMI-TMMPP13120HL-SERIES

Features

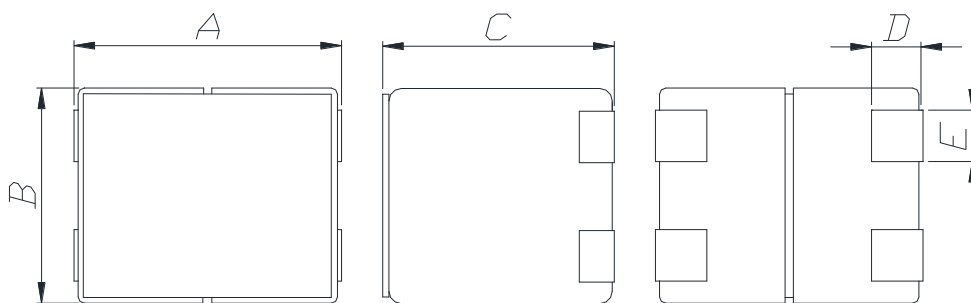
- ▶ Space reduction is realized by 2 in 1 construction
- ▶ High current, Low resistance
- ▶ Halogen-Free / RoHS compliant.
- ▶ AEC-Q200 qualified.



Applications

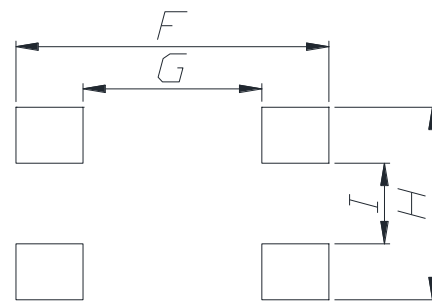
- ▶ Automotive (Car Audio, Car Navigation), Audio Visual (TV and Monitor, Mini component, AV amplifier, Amplifier for profile)

Dimension (Unit:mm)



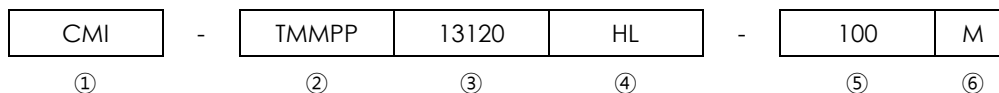
A	B	C	D	E
13.0±0.5	10.5±0.5	11.5 Max	2.5±0.2	2.5±0.2

Land Pattern (Unit:mm)



F	G	H	I
14.0	8.0	8.6	3.6

Regulation of part number



- ① CoilMaster's initial
- ② Series Name : Two Metal Molded Pin type Power inductor
- ③ Core Size (unit:mm)
- ④ Material
- ⑤ Typical inductance value (10uH)
- 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 : 2021.06.30

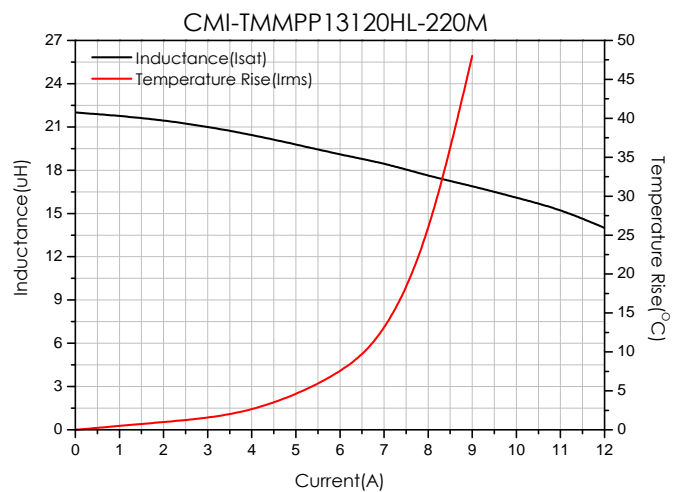
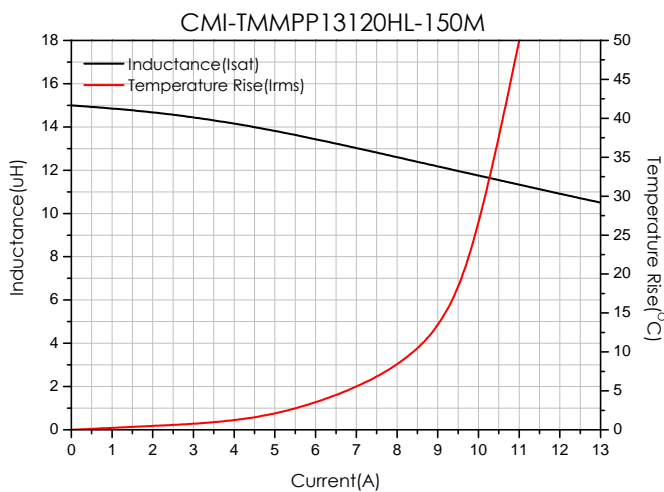
Specifications

Part Number	Inductance (uH) $\pm 20\%$	DCR(mohm) Max.(Typ.)	Isat(A) Max.(Typ.)	Irms(A) Max.(Typ.)	SRF Min(Hz)
CMI-TMMPP13120HL-150M	15	42.0(35.0)	10.00(11.50)	9.50(10.00)	7M
CMI-TMMPP13120HL-220M	22	36.0(30.0)	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



Ilisan Sales Office (KOREA) +82/31-904-1444
 China Sales Office (CHINA) +86/758-278-7031
 Hungary Sales office (EUROPE) +36/1-899-8543

H.K Sales Office (HONGKONG) +852/2711-5551
 LA Sales Office (USA) +1/866-446-3586

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