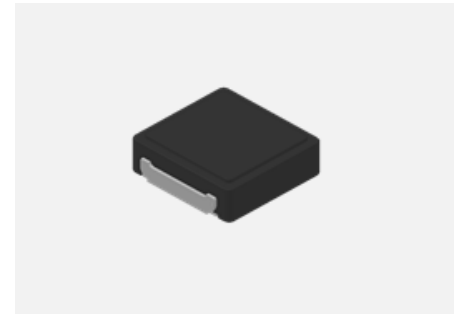


CMI-CMMPP4012MH-SERIES



Features

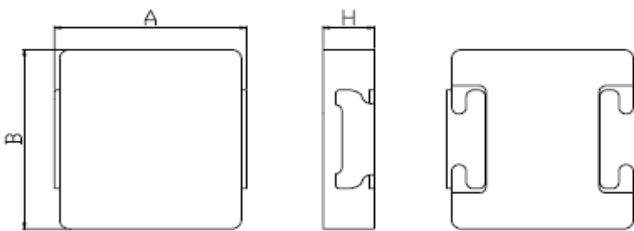
- ▶ Small size, high current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Lower DCR with applying flat wire.
- ▶ Available tape and reel for auto insertion.



Applications

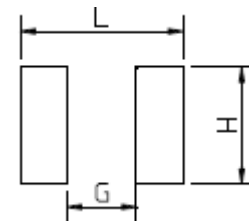
- ▶ For DC/DC converter(LED/OLED TV, TABLAT, DISPLAY, GRAPHIC CARD, NOTE PC, SETTOP, etc.)
- ▶ Equipment using for automobiles (ECM, airbags, headlights, electronic Powder steering, motors, ABS, other)

Dimension (Unit:mm)



A	B	H
4.0±0.2	4.0±0.2	1.2Max

Land Pattern (Unit:mm)



L	G	H
4.60	2.80	2.00

Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max(Typ)	IDC1(A) Max(Typ)	IDC2(A) Max(Typ)	Test Frequency (Hz)
CMI-CMMPP4012MH-1R0M	1.0	54(45)	5.10(5.70)	3.10(3.50)	1M
CMI-CMMPP4012MH-2R2M	2.2	72(60)	3.70(4.20)	2.70(3.00)	1M
CMI-CMMPP4012MH-4R7M	4.7	156(130)	2.60(2.90)	1.90(2.10)	1M
CMI-CMMPP4012MH-6R8M	6.8	192(160)	2.50(2.70)	1.70(1.90)	1M
CMI-CMMPP4012MH-100M	10	264(220)	2.20(2.40)	1.40(1.60)	1M

- IDC1: When based on the inductance change rate (approximately 30% below in the initial value)
- IDC2: 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

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- All specifications are subject to change without notice.
- Update date : 2018.02.19

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