

CMI-CMMPP5012HL-SERIES

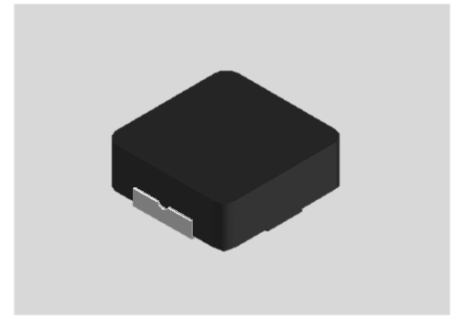


Features

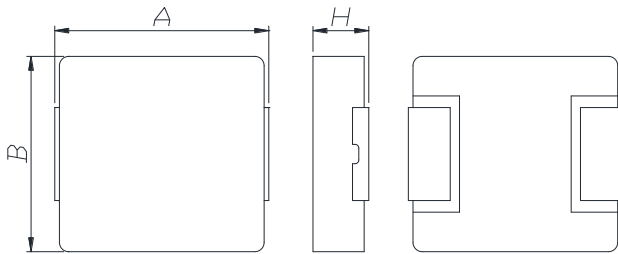
- ▶ High current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant

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)

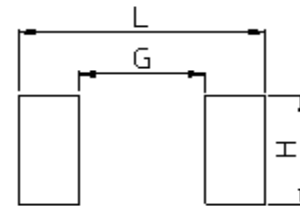


Dimension (Unit:mm)



A	B	H
5.5±0.35	5.2±0.25	1.2 Max

Land Pattern (Unit:mm)



L	G	H
6.0	2.2	2.5

Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max(Typ)	IDC1(A) Max(Typ)	IDC2(A) Max(Typ)	Test Frequency (Hz)
CMI-CMMPP5012HL-1R0M	1.0	42.0(35.0)	6.80(7.50)	4.30(4.70)	1M
CMI-CMMPP5012HL-1R5M	1.5	57.6(48.0)	6.00(6.80)	3.80(4.10)	1M
CMI-CMMPP5012HL-2R2M	2.2	84.0(70.0)	5.50(6.00)	3.20(3.40)	1M
CMI-CMMPP5012HL-3R3M	3.3	114.0(95.0)	4.00(4.50)	2.90(3.10)	1M
CMI-CMMPP5012HL-4R7M	4.7	132.0(110.0)	3.50(4.00)	2.70(2.90)	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.
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