

# CMI-CMMPP5020HL-SERIES



## Features

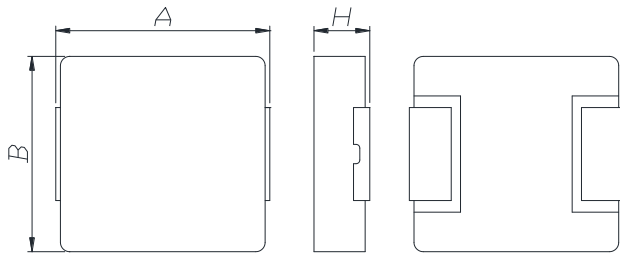
- ▶ High current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant

## 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)

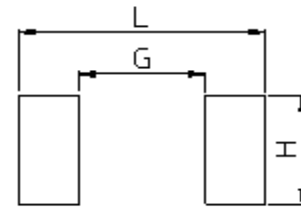


## Dimension (Unit:mm)



A	B	H
5.5±0.35	5.2±0.25	2.0 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-CMMPP5020HL-1R0M	1.0	20(18)	8.60(10.00)	7.50(8.50)	1M
CMI-CMMPP5020HL-2R2M	2.2	34.5(29)	6.30(7.00)	4.50(5.00)	1M
CMI-CMMPP5020HL-6R8M	6.8	132(110)	4.00(4.50)	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.
- Update date : 2017.11.03