

# CMI-CMMPP6020HL-SERIES



## Features

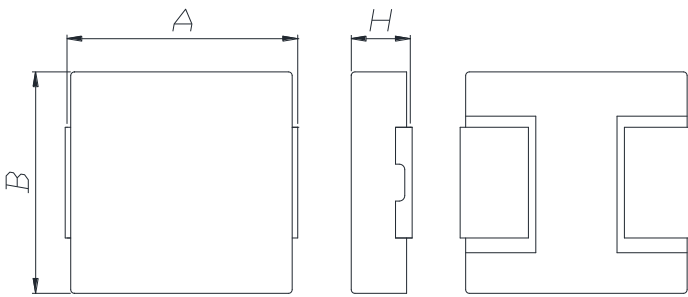
- ▶ High current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ Halogen-Free
- ▶ RoHS compliant
- ▶ AEC-Q200 qualified.

## Applications

- ▶ Equipment using for automobiles (ECM, airbags, headlights, electronic Powder steering, motors, ABS, other)

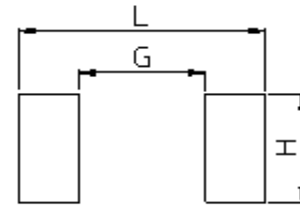


## Dimension (Unit:mm)



A	B	H
6.0±0.35	6.0±0.25	2.0 Max

## Land Pattern (Unit:mm)



L	G	H
6.2	2.8	4.2

## Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max(Typ)	IDC1(A) Max(Typ)	IDC2(A) Max(Typ)	Test Frequency (Hz)
CMI-CMMPP6020HL-1R0M	1.0	19.2(16.0)	9.50(11.00)	6.70(7.00)	1M
CMI-CMMPP6020HL-4R7M	4.7	74.4(62.0)	5.20(5.80)	3.60(3.80)	1M
CMI-CMMPP6020HL-6R8M	6.8	96.0(80.0)	4.00(4.60)	3.30(3.50)	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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• You can also contact us by e-mail : [coilmaster@coilmaster.com](mailto:coilmaster@coilmaster.com)

- All specifications are subject to change without notice.
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