

# CMI-CMMPP4020HL-SERIES



## Features

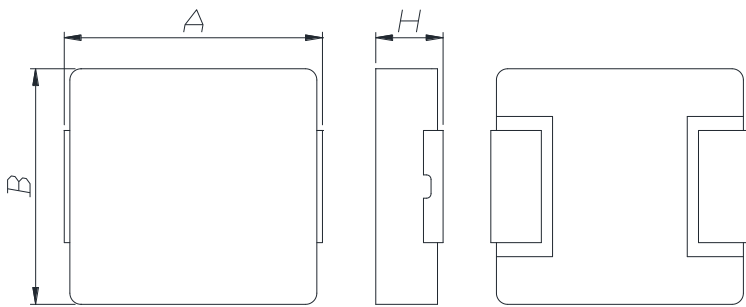
- ▶ Small size, high current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Lower DCR with applying flat wire.
- ▶ Available tape and reel for auto insertion.
- ▶ Halogen-Free
- ▶ RoHS compliant.
- ▶ AEC-Q200 qualified.



## Applications

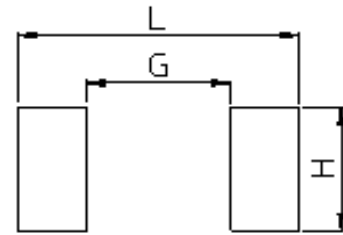
- ▶ Equipment using for automobiles (ECM, airbags, headlights, electronic Powder steering, motors, ABS, other)

### Dimension (Unit:mm)



A	B	H
4.4±0.35	4.2±0.25	2.0 Max

### Land Pattern (Unit:mm)



L	G	H
4.8	1.6	2.0

## Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max(Typ)	IDC1(A) Max(Typ)	IDC2(A) Max(Typ)	Test Frequency (Hz)
CMI-CMMPP4020HL-1R0M	1.0	30(25)	10.00(11.00)	5.00(5.50)	1M
CMI-CMMPP4020HL-4R7M	4.7	120(100)	3.20(3.40)	2.80(3.00)	1M
CMI-CMMPP4020HL-100M	10	260(216)	2.80(3.00)	1.90(2.10)	1M
CMI-CMMPP4020HL-150M	15	312(260)	2.50(2.80)	1.70(1.90)	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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