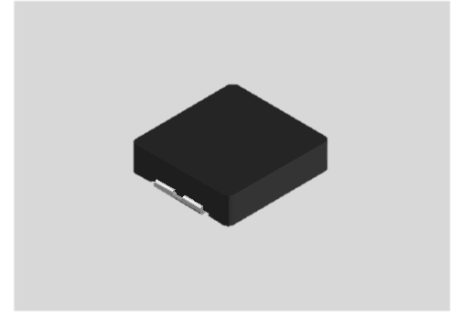


# CMI-CMMPP4040HL-SERIES



## Features

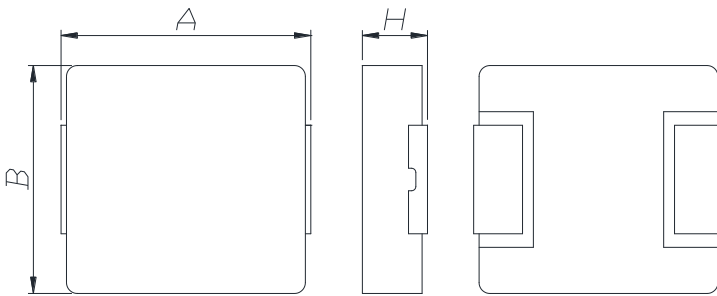
- ▶ Small size, high current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Lower DCR with applying flat wire.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant.
- ▶ AEC-Q200 qualified.
- ▶ Halogen-Free



## Applications

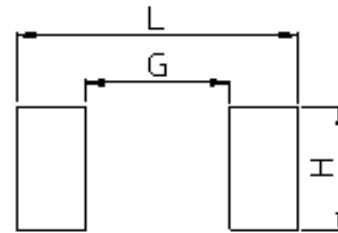
- ▶ Equipment using for automobiles (ECM, airbags, headlights, electronic Powder steering, motors, ABS, other)

### Dimension (Unit:mm)



A	B	H
4.4±0.35	4.2±0.25	4.0 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-CMMPP4040HL-3R3M	3.3	38.4(32.0)	6.00(6.60)	5.10(5.50)	1M
CMI-CMMPP4040HL-4R7M	4.7	45.0(39.0)	5.50(6.00)	4.60(5.10)	1M
CMI-CMMPP4040HL-6R8M	6.8	66.0(55.0)	3.80(4.20)	3.60(4.00)	1M
CMI-CMMPP4040HL-100M	10	150.0(125.0)	2.80(3.10)	2.70(2.90)	1M
CMI-CMMPP4040HL-150M	15	228.0(190.0)	2.40(2.60)	2.40(2.60)	1M
CMI-CMMPP4040HL-200M	20	336.0(280.0)	2.20(2.40)	1.80(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.
- Update date : 2017.11.03

[www.coilmaster.com](http://www.coilmaster.com)