

# CMI-CMMPP4040HL-SERIES

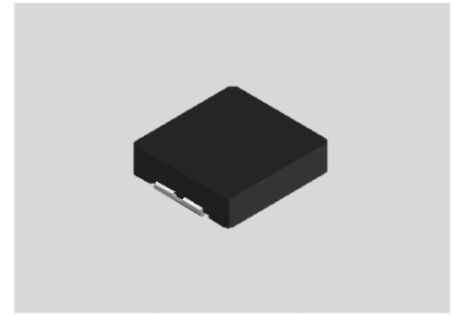


## Features

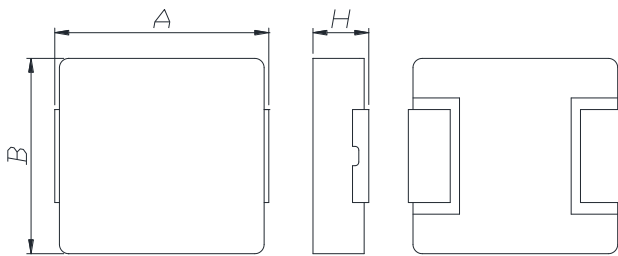
- ▶ Small size, high current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Lower DCR with applying flat wire.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant.

## 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)

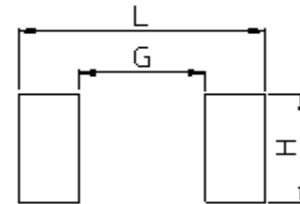


## Dimension (Unit:mm)



A	B	H
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)	6.00(6.60)	5.10(5.50)	1M
CMI-CMMPP4040HL-4R7M	4.7	45(39)	5.50(6.00)	4.60(5.10)	1M
CMI-CMMPP4040HL-6R8M	6.8	66(55)	3.80(4.20)	3.60(4.00)	1M
CMI-CMMPP4040HL-100M	10	150(125)	2.80(3.10)	2.70(2.90)	1M
CMI-CMMPP4040HL-150M	15	228(190)	2.40(2.60)	2.40(2.60)	1M
CMI-CMMPP4040HL-200M	20	336(280)	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

Ilsan Sales Office (KOREA)  
 H.K Sales Office (HongKong)  
 Shenzhen Sales Office (CHINA)  
 LA Sales Office (USA)  
 Hungary Sales office (EUROPE)

+82)31-904-1444  
 +852)2711-5551  
 +0755-8663-6929  
 +1)866-446-3586  
 +36)30-521-7818

[coilmaster@coilmaster.com](mailto:coilmaster@coilmaster.com)  
[coilmaster@coilmaster.com](mailto:coilmaster@coilmaster.com)  
[kimha@coilmaster.com](mailto:kimha@coilmaster.com)  
[markyang@coilmaster.com](mailto:markyang@coilmaster.com)  
[coilmaster@coilmaster.com](mailto:coilmaster@coilmaster.com)

- All specifications are subject to change without notice.
- Update date : 2017.11.03