

CMI-CMMPP4030HL-SERIES

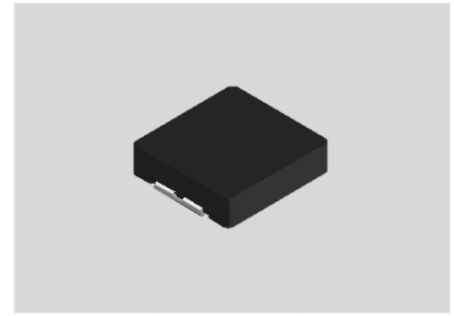


Features

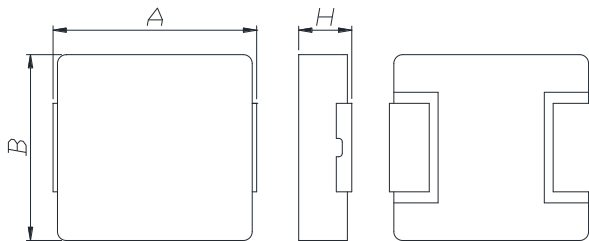
- ▶ Small size, high current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Lower DCR with applying flat wire.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant.

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)

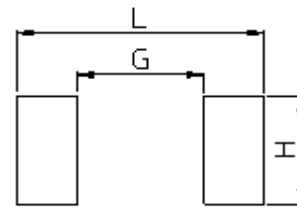


Dimension (Unit:mm)



A	B	H
4.4±0.35	4.2±0.25	3.0 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-CMMPP4030HL-4R7M	4.7	72(60)	3.80(4.10)	3.20(3.60)	1M
CMI-CMMPP4030HL-6R8M	6.8	84(70)	3.50(3.90)	2.70(3.00)	1M
CMI-CMMPP4030HL-100M	10	154(128)	3.30(3.70)	2.20(2.50)	1M
CMI-CMMPP4030HL-150M	15	312(260)	2.10(2.30)	1.40(1.60)	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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