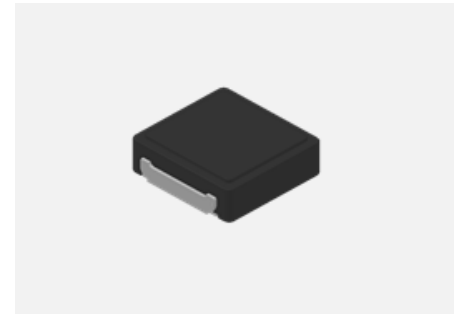


CMI-CMMPP4010MH-SERIES



Features

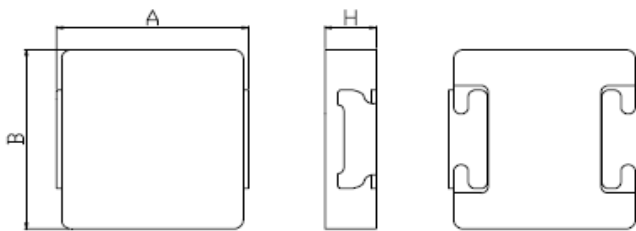
- ▶ Small size, high current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Lower DCR with applying flat wire.
- ▶ Available tape and reel for auto insertion.



Applications

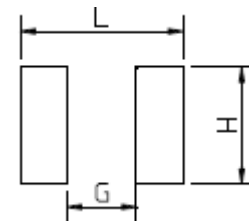
- ▶ For DC/DC converter(LED/OLED TV, TABLET, DISPLAY, GRAPHIC CARD, NOTE PC, SETTOP, etc.)
- ▶ Equipment using for automobiles (ECM, airbags, headlights, electronic Powder steering, motors, ABS, other)

Dimension (Unit:mm)



A	B	H
4.0±0.2	4.0±0.2	1.0Max

Land Pattern (Unit:mm)



L	G	H
4.60	2.80	2.00

Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max(Typ)	IDC1(A) Max(Typ)	IDC2(A) Max(Typ)	Test Frequency (Hz)
CMI-CMMPP4010MH-R24M	0.24	12(10)	8.80(10.00)	6.50(7.00)	1M
CMI-CMMPP4010MH-R33M	0.33	17(14)	7.50(8.40)	6.00(6.40)	1M
CMI-CMMPP4010MH-R47M	0.47	20(17)	6.60(7.50)	5.40(5.80)	1M
CMI-CMMPP4010MH-R68M	0.68	32(27)	5.40(6.00)	4.20(4.70)	1M
CMI-CMMPP4010MH-1R0M	1.0	54(45)	3.90(4.40)	2.90(3.20)	1M
CMI-CMMPP4010MH-2R2M	2.2	96(80)	3.00(3.30)	2.10(2.40)	1M
CMI-CMMPP4010MH-4R7M	4.7	186(155)	2.10(2.40)	1.50(1.70)	1M
CMI-CMMPP4010MH-6R8M	6.8	276(230)	2.00(2.20)	1.40(1.60)	1M
CMI-CMMPP4010MH-100M	10	350(310)	1.70(1.90)	1.20(1.40)	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 : 2018.02.19

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