

CMI-MMPP252010MH-SERIES



Features

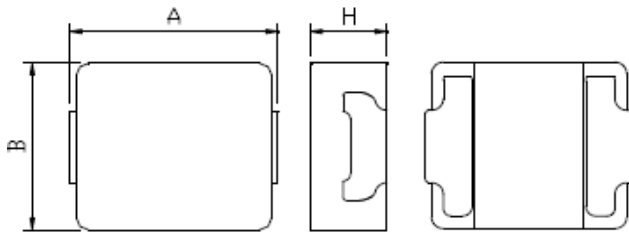
- ▶ Small size, high current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Lower DCR with applying flat wire.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant.

Applications

- ▶ For DC/DC converter, AV equipment digital consumer electronics.

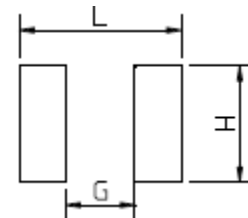


Dimension (Unit:mm)



A	B	H
2.5±0.2	2.0±0.2	1.0Max

Land Pattern (Unit:mm)



L	G	H
2.80	1.20	2.00

Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max(Typ)	IDC1(A) Max(Typ)	IDC2(A) Max(Typ)	Test Frequency (Hz)
CMI-MMPP252010MH-R24M	0.24	18.2(14)	8.50(9.00)	5.50(6.00)	1M
CMI-MMPP252010MH-R33M	0.33	23.4(18)	6.40(6.90)	4.80(5.30)	1M
CMI-MMPP252010MH-R47M	0.47	33.8(26)	5.20(5.70)	3.60(3.90)	1M
CMI-MMPP252010MH-R68M	0.68	44.2(34)	4.30(4.80)	3.20(3.60)	1M
CMI-MMPP252010MH-1R0M	1.0	66.0(55)	3.70(4.20)	2.70(3.00)	1M
CMI-MMPP252010MH-1R2M	1.2	84.0(70)	3.00(3.40)	2.30(2.60)	1M
CMI-MMPP252010MH-1R5M	1.5	108.0(90)	2.30(2.70)	2.00(2.30)	1M
CMI-MMPP252010MH-2R2M	2.2	117.6(98)	2.20(2.40)	1.80(2.00)	1M
CMI-MMPP252010MH-3R3M	3.3	192.0(160)	1.90(2.10)	1.60(1.80)	1M
CMI-MMPP252010MH-4R7M	4.7	300.0(240)	1.60(1.80)	1.20(1.40)	1M
CMI-MMPP252010MH-6R8M	6.8	390.0(325)	1.30(1.50)	1.00(1.20)	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 ~ +125 °C

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• You can also contact us by e-mail : coilmaster@coilmaster.com

- All specifications are subject to change without notice.
- Update date : 2019.07.23

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