

CMI-CMMPP6012HL-SERIES



Features

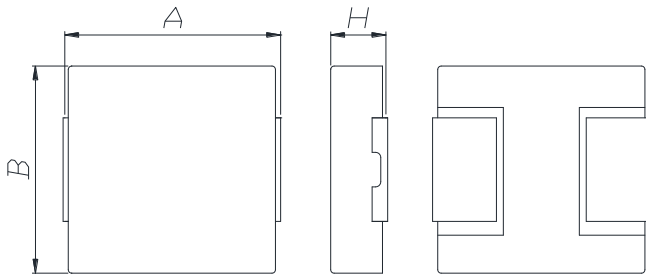
- ▶ High current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant

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)

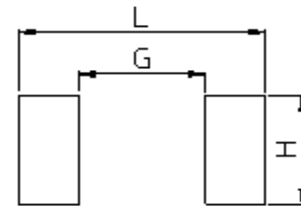


Dimension (Unit:mm)



A	B	H
6.0±0.35	6.0±0.25	1.2 Max

Land Pattern (Unit:mm)



L	G	H
6.2	2.8	4.2

Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max(Typ)	IDC1(A) Max(Typ)	IDC2(A) Max(Typ)	Test Frequency (Hz)
CMI-CMMPP6012HL-R10M	0.10	4.8(4.0)	25.00(28.00)	14.00(15.00)	1M
CMI-CMMPP6012HL-R15M	0.15	5.4(5.1)	21.00(23.00)	10.50(12.00)	1M
CMI-CMMPP6012HL-R47M	0.47	19.2(16.0)	13.00(14.50)	6.50(7.30)	1M
CMI-CMMPP6012HL-2R2M	2.2	72.0(60.0)	5.80(6.30)	3.80(4.00)	1M
CMI-CMMPP6012HL-3R3M	3.3	108.0(90.0)	5.00(5.50)	3.00(3.20)	1M
CMI-CMMPP6012HL-4R7M	4.7	144.0(120.0)	4.50(5.00)	2.50(2.70)	1M
CMI-CMMPP6012HL-6R8M	6.8	192.0(160.0)	3.50(4.00)	2.10(2.30)	1M
CMI-CMMPP6012HL-100M	10	312.0(260.0)	2.70(3.00)	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.
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