

CMI-CMMPP15080SH-SERIES



Features

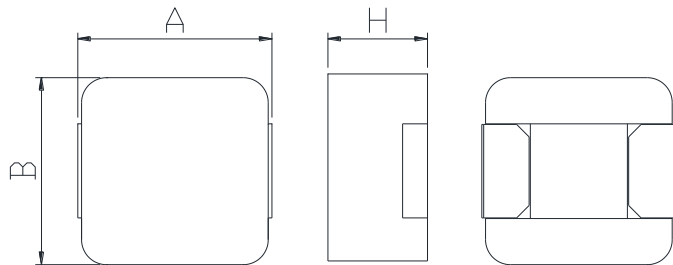
- ▶ A low height (8.5mm in height) is achieved.
- ▶ Large current is achieved in a small shape.
- ▶ Small and low profile inductors.
- ▶ Low EMI emission.
- ▶ RoHS compliant

Applications

- ▶ Equipment using for automobiles (ECM, airbags, headlights, electronic Powder steering, motors, ABS, other)

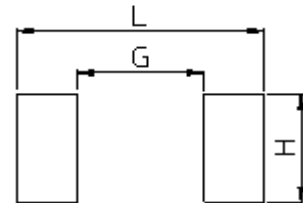


Dimension (Unit:mm)



A	B	H
16.5±0.5	15.0±0.4	8.5Max

Land Pattern (Unit:mm)



L	G	H
16.0	8.50	8.50

Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max(Typ)	IDC1(A) Max(Typ)	IDC2(A) Max(Typ)	Test Frequency (Hz)
CMI-CMMPP15080SH-6R8M	6.8	32	10.00		1M
CMI-CMMPP15080SH-100M	10	38	8.00		1M
CMI-CMMPP15080SH-180M	18	55	6.00		1M
CMI-CMMPP15080SH-220M	22	58	5.50		1M
CMI-CMMPP15080SH-330M	33	140	4.50		1M
CMI-CMMPP15080SH-470M	47	150	4.00		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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