

# CMI-CMMPP10040LH-SERIES



## Features

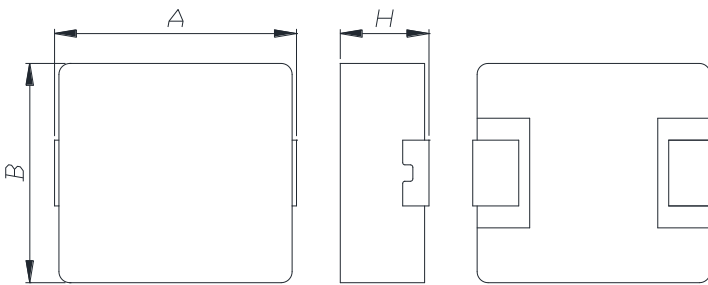
- ▶ High current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ Halogen-Free
- ▶ RoHS compliant
- ▶ AEC-Q200 qualified.



## Applications

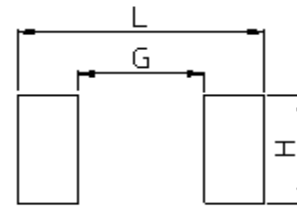
- ▶ Equipment using for automobiles (ECM, airbags, headlights, electronic Powder steering, motors, ABS, other)

### Dimension (Unit:mm)



A	B	H
10.85±0.5	10.0±0.4	4.0 Max

### Land Pattern (Unit:mm)



L	G	H
13.6	5.4	4.1

## Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max(Typ)	IDC1(A) Max(Typ)	IDC2(A) Max(Typ)	Test Frequency (Hz)
CMI-CMMPP10040LH-2R2M	2.2	10.8(9.0)	27.00(30.00)	13.00(14.00)	1M
CMI-CMMPP10040LH-4R7M	4.7	16.8(14.0)	22.00(24.00)	11.50(12.50)	1M
CMI-CMMPP10040LH-100M	10	36.0(14.0)	14.50(15.50)	7.00(7.50)	1M
CMI-CMMPP10040LH-150M	15	54.0(45.0)	12.50(13.50)	6.00(6.50)	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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