

# CMI-MMPP10040LL-SERIES



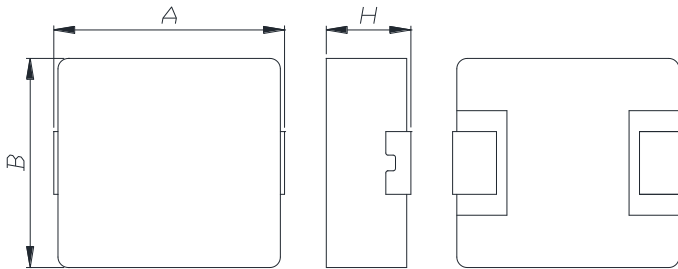
## Features

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

## Applications

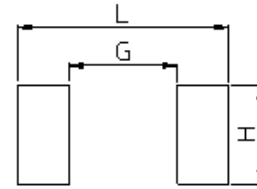
- ▶ For DC/DC converter, AV equipment, digital consumer electronics.

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-MMPP10040LL-R47M	0.47	2.2(1.9)	37.00(41.00)	26.00(29.00)	1M
CMI-MMPP10040LL-R56M	0.56	2.9(2.4)	34.00(38.00)	22.00(24.00)	1M
CMI-MMPP10040LL-R78M	0.78	3.0(2.5)	28.00(32.00)	19.00(21.00)	1M
CMI-MMPP10040LL-1R0M	1.0	3.2(2.6)	25.00(28.00)	14.20(15.80)	1M
CMI-MMPP10040LL-2R2M	2.2	9.6(8.0)	22.00(24.00)	14.00(15.00)	1M
CMI-MMPP10040LL-4R7M	4.7	15.0(12.5)	16.00(17.00)	12.00(13.00)	1M
CMI-MMPP10040LL-6R8M	6.8	19.2(16.0)	13.50(14.50)	9.00(9.50)	1M
CMI-MMPP10040LL-100M	10	31.2(26.0)	9.50(10.50)	7.00(7.50)	1M
CMI-MMPP10040LL-150M	15	48.0(40.0)	9.00(10.00)	6.00(6.50)	1M
CMI-MMPP10040LL-220M	22	57.6(48.0)	7.50(8.00)	5.80(6.20)	1M
CMI-MMPP10040LL-330M	33	108.0(90.0)	4.80(5.30)	4.80(5.30)	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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- All specifications are subject to change without notice.
- Update date : 2019.04.04

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