

# CMI-CMMPP6030LH-N SERIES



## Features

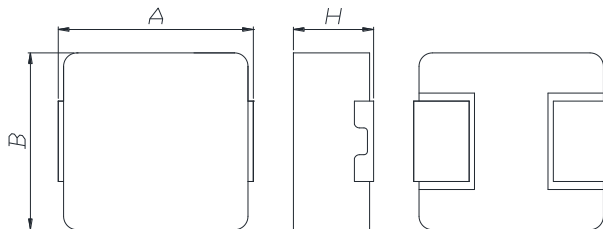
- ▶ High current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant

## 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)

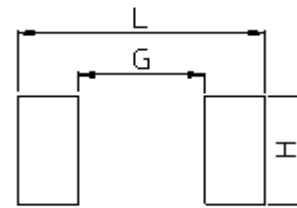


Dimension (Unit:mm)



A	B	H
6.95±0.35	6.6±0.25	3.0 Max

Land Pattern (Unit:mm)



L	G	H
8.4	3.7	3.5

## Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max(Typ)	IDC1(A) Max(Typ)	IDC2(A) Max(Typ)	Test Frequency (Hz)
CMI-CMMPP6030LH-R47M-N	0.47	3.96(3.30)	30.00(35.00)	17.00(18.00)	1M
CMI-CMMPP6030LH-R68M-N	0.68	6.00(5.00)	28.00(32.00)	15.00(16.00)	1M
CMI-CMMPP6030LH-R82M-N	0.82	7.20(6.00)	25.00(30.00)	11.00(12.00)	1M
CMI-CMMPP6030LH-1R0M-N	1.0	7.80(6.50)	20.00(23.00)	10.50(11.50)	1M
CMI-CMMPP6030LH-1R5M-N	1.5	15.0(12.5)	19.00(21.00)	8.50(9.00)	1M
CMI-CMMPP6030LH-2R2M-N	2.2	18.0(15.0)	15.00(17.00)	7.80(8.30)	1M
CMI-CMMPP6030LH-3R3M-N	3.3	30.0(25.0)	12.00(13.00)	6.30(6.70)	1M
CMI-CMMPP6030LH-4R7M-N	4.7	36.0(30.0)	10.00(11.00)	5.80(6.30)	1M
CMI-CMMPP6030LH-5R6M-N	5.6	55.0(45.0)	9.50(10.50)	4.80(5.30)	1M
CMI-CMMPP6030LH-6R8M-N	6.8	60.0(50.0)	9.00(10.00)	4.50(5.00)	1M
CMI-CMMPP6030LH-100M-N	10	72.0(60.0)	7.50(8.00)	4.00(4.50)	1M
CMI-CMMPP6030LH-150M-N	15	112.0(93.0)	5.00(5.50)	3.00(3.20)	1M
CMI-CMMPP6030LH-220M-N	22	168.0(140.0)	4.50(5.00)	2.30(2.50)	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.
- Update date : 2018.03.16

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