

# CMI-CMMPP5030LL-S SERIES



## Features

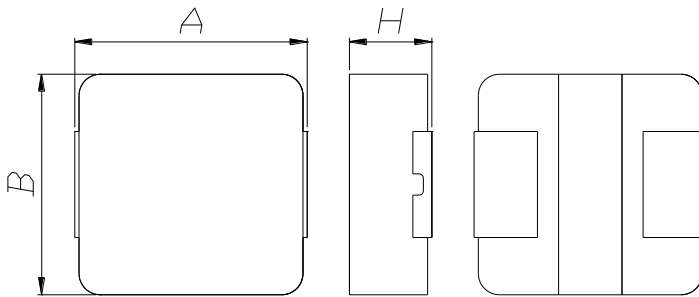
- ▶ High current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant
- ▶ AEC-Q200 qualified.
- ▶ Halogen-Free

## Applications

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

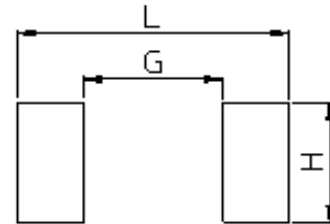


Dimension (Unit:mm)



A	B	H
4.85±0.35	4.7±0.25	3.0 Max

Land Pattern (Unit:mm)



L	G	H
5.5	2.2	2.5

## Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max(Typ)	IDC1(A) Max(Typ)	IDC2(A) Max(Typ)	Test Frequency (Hz)
CMI-CMMPP5030LL-R47M-S	0.47	9.0(7.5)	12.00(13.00)	9.50(10.50)	1M
CMI-CMMPP5030LL-R68M-S	0.68	13.2(11.0)	10.50(11.50)	8.00(9.00)	1M
CMI-CMMPP5030LL-1R0M-S	1.0	18.0(15.0)	9.50(11.00)	7.00(7.50)	1M
CMI-CMMPP5030LL-1R5M-S	1.5	24.0(20.0)	9.00(10.50)	6.30(6.80)	1M
CMI-CMMPP5030LL-2R2M-S	2.2	30.0(25.0)	7.50(8.50)	5.50(5.80)	1M
CMI-CMMPP5030LL-3R3M-S	3.3	40.8(34.0)	6.50(7.50)	4.80(5.00)	1M
CMI-CMMPP5030LL-6R8M-S	6.8	120.0(100.0)	5.00(5.50)	3.10(3.30)	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 ~ +165 °C

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▪ You can also contact us by e-mail : [coilmaster@coilmaster.com](mailto:coilmaster@coilmaster.com)

- All specifications are subject to change without notice.
- Update date : 2017.11.03

[www.coilmaster.com](http://www.coilmaster.com)