

# CMI-CMMPP6018QL-N SERIES



## Features

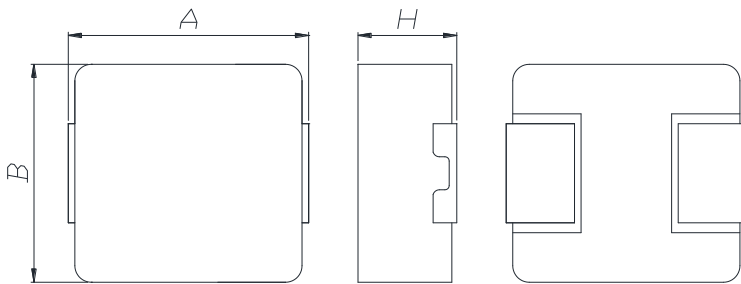
- ▶ High current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant
- ▶ AEC-Q200 qualified.
- ▶ Halogen-Free

## Applications

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

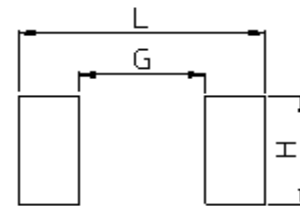


## Dimension (Unit:mm)



A	B	H
6.95±0.35	6.6±0.25	1.8 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-CMMPP6018QL-1R0M-N	1.0	16.8(14.0)	12.50(14.00)	7.00(7.50)	1M
CMI-CMMPP6018QL-3R3M-N	3.3	48.0(40.0)	7.50(8.00)	5.00(5.50)	1M
CMI-CMMPP6018QL-100M-N	10	168.0(140.0)	4.50(5.00)	2.40(2.60)	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 : 2017.11.03

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