

# CMI-CMMPP6015QL-SERIES



## Features

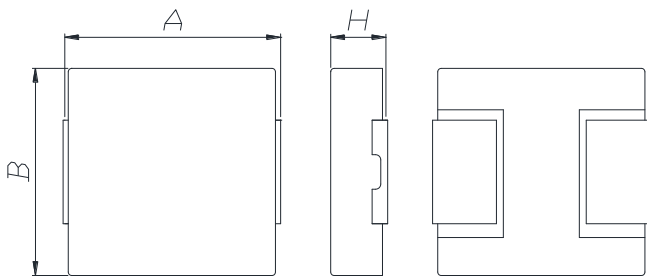
- ▶ High current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ Halogen-Free
- ▶ RoHS compliant
- ▶ AEC-Q200 qualified.



## Applications

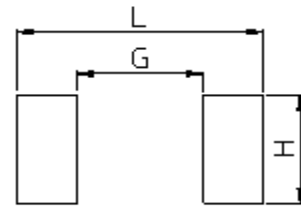
- ▶ Equipment using for automobiles (ECM, airbags, headlights, electronic Powder steering, motors, ABS, other)

### Dimension (Unit:mm)



A	B	H
6.0±0.35	6.0±0.25	1.5 Max

### Land Pattern (Unit:mm)



L	G	H
6.2	2.8	4.2

## Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max(Typ)	IDC1(A) Max(Typ)	IDC2(A) Max(Typ)	Test Frequency (Hz)
CMI-CMMPP6015QL-2R2M	2.2	60(50)	6.80(7.30)	3.60(3.80)	1M
CMI-CMMPP6015QL-4R7M	4.7	108(90)	5.00(5.50)	2.80(3.00)	1M
CMI-CMMPP6015QL-6R8M	6.8	127(106)	4.80(5.30)	2.60(2.80)	1M
CMI-CMMPP6015QL-100M	10	216(180)	3.30(3.80)	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.
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