

# CMI-CDP6045NH-SERIES



## Features

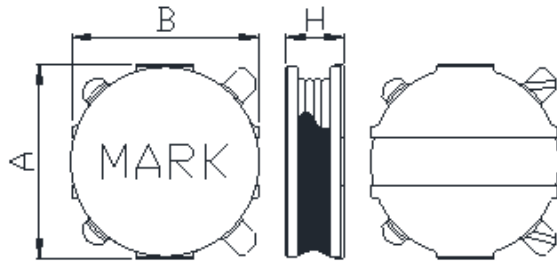
- ▶ High current and low profile.
- ▶ Available tape and reel for auto insertion
- ▶ Simple and Shield structure.

## Applications

- ▶ For DC/DC converter , AV equipment, digital consumer electronics.
- ▶ Equipment using for automotive  
(ECM, airbags, headlights, electronic powder steering, motors, ABS, other)

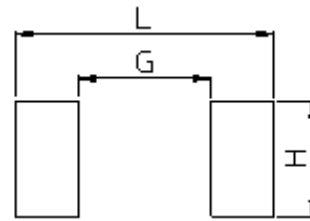


## Dimension (Unit:mm)



A	B	H
6.0±0.2	6.0±0.2	4.5Max

## Land Pattern (Unit:mm)



L	G	H
6.2	2.8	5.7

## Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max.(Typ.)	IDC1(A) Max.(Typ.)	IDC2(A) Max.(Typ.)	Test Frequency (Hz)
CMI-CDP6045NH-4R7M	4.7	32.4(27.0)	3.60(3.90)	3.50(3.80)	100k
CMI-CDP6045NH-100M	10	61.2(51.0)	3.20(3.40)	2.45(2.60)	100k
CMI-CDP6045NH-101M	100	453(378)	1.40(1.50)	1.30(1.40)	100k
CMI-CDP6045NH-221M	220	960(800)	0.90(1.00)	0.90(1.00)	100k

- 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 ~ +105 °C

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- All specifications are subject to change without notice.
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