



# CMI-CDP3020NF-SERIES

## Features

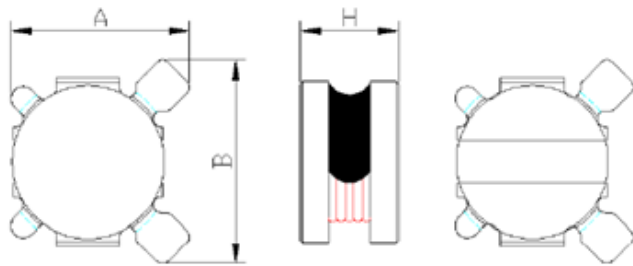
- ▶ High current and low profile.
- ▶ Available tape and reel for auto insertion
- ▶ Simple and Shield structure.
- ▶ RoHS compliant
- ▶ AEC-Q200 qualified.

## Applications

- ▶ Automotive-related equipment.  
(Car navigation, car audio, electronic power steering, headlights, other)

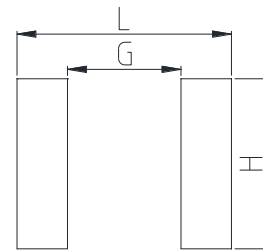


Dimension (Unit:mm)



A	B	H
3.5 Max	3.8 Max	2.0Max

Land Pattern (Unit:mm)



L	G	H
3.4	1.8	2.7

## Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max.(Typ.)	IDC1(A) Max.(Typ.)	IDC2(A) Max.(Typ.)	Test Frequency (Hz)
CMI-CDP3020NF-3R3M	3.3	110(90)	1.60(1.70)	1.50(2.00)	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 ~ +150 °C

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- All specifications are subject to change without notice.
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