



# CMI-CDP4020NF-SERIES

## Features

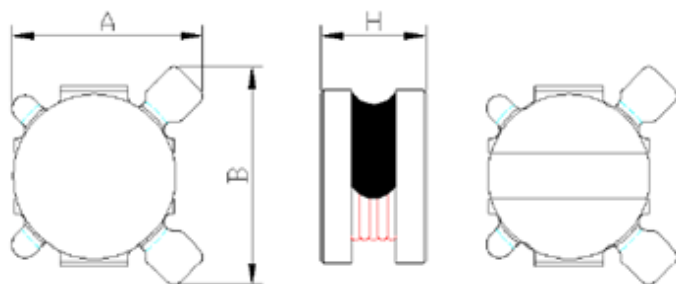
- ▶ High current and low profile.
- ▶ Available tape and reel for auto insertion
- ▶ Simple and Shield structure.
- ▶ RoHS compliant
- ▶ AEC-Q200 qualified.

## Applications

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

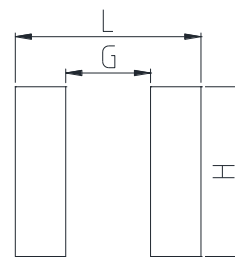


Dimension (Unit:mm)



A	B	H
4.0±0.3	4.0±0.3	2.0Max

Land Pattern (Unit:mm)



L	G	H
4.6	2.1	4.2

## Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max.(Typ.)	IDC1(A) Max.(Typ.)	IDC2(A) Max.(Typ.)	Test Frequency (Hz)
CMI-CDP4020NF-1R0M	1.0	30(25)	4.30(4.80)	3.20(3.60)	100k
CMI-CDP4020NF-2R2M	2.2	48(40)	3.10(3.40)	2.50(2.80)	100K
CMI-CDP4020NF-4R7M	4.7	96(80)	2.80(3.00)	2.40(2.60)	100k
CMI-CDP4020NF-6R8M	6.8	168(140)	2.30(2.40)	1.80(2.00)	100k
CMI-CDP4020NF-100M	10	216(180)	1.80(1.90)	1.50(1.60)	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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