

# CMI-CDOP5018NF-SERIES

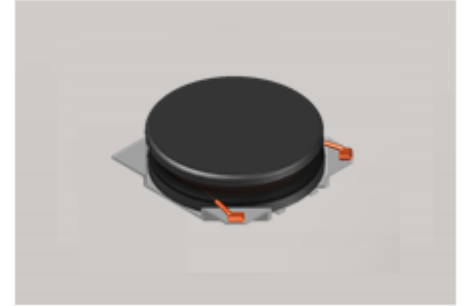


## Features

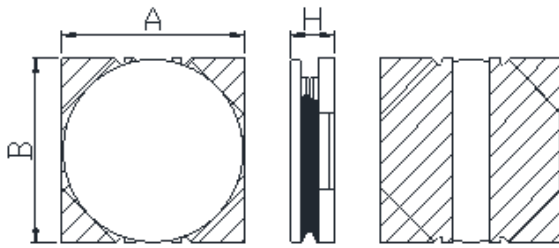
- ▶ High current and low profile.
- ▶ Available tape and reel for auto insertion
- ▶ Simple and Shield structure.

## Applications

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

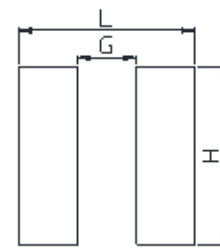


## Dimension (Unit:mm)



A	B	H
5.0±0.2	5.0±0.2	1.8Max

## Land Pattern (Unit:mm)



L	G	H
5.2	1.1	5.2

## Specifications

Part Number	Inductance (uH)	Tolerance (±)	DCR(mΩ) ±20%	IDC1(A) Max.	IDC2(A) Max.	Test Frequency (Hz)
CMI-CDOP5018NF-1R0N	1.0	30%	25	5.80	4.00	1M
CMI-CDOP5018NF-2R2N	2.2	30%	42	4.00	3.00	1M
CMI-CDOP5018NF-3R3N	3.3	30%	62	3.20	2.30	1M
CMI-CDOP5018NF-4R7N	4.7	30%	75	2.80	2.10	1M
CMI-CDOP5018NF-6R8N	6.8	30%	126	2.20	1.70	1M
CMI-CDOP5018NF-100M	10	20%	163	1.90	1.40	1M
CMI-CDOP5018NF-220M	22	20%	345	1.30	1.00	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 ~ +105 °C

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- All specifications are subject to change without notice.
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