

# CMI-CDOP3818NF-SERIES

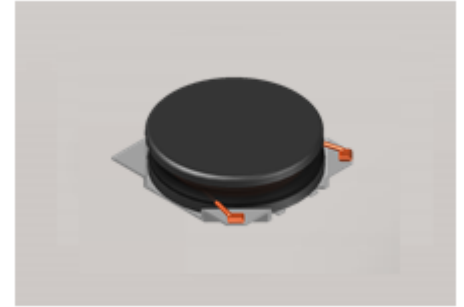


## Features

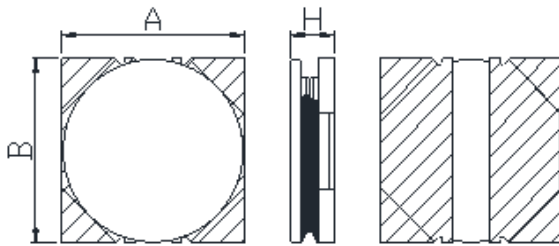
- ▶ High current and low profile.
- ▶ Available tape and reel for auto insertion
- ▶ Simple and Shield structure.

## Applications

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

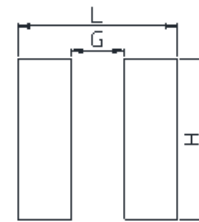


### Dimension (Unit:mm)



A	B	H
3.8±0.2	3.8±0.2	1.8Max

### Land Pattern (Unit:mm)



L	G	H
4.1	0.9	4.1

## Specifications

Part Number	Inductance (uH)	Tolerance (±)	DCR(mΩ) ±20%	IDC1(A) Max.	IDC2(A) Max.	Test Frequency (Hz)
CMI-CDOP3818NF-4R7M	4.7	20%	77.5	2.20	2.00	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.
- Update date : 2018.04.11