



CMI-CDP8040NF-SERIES

Features

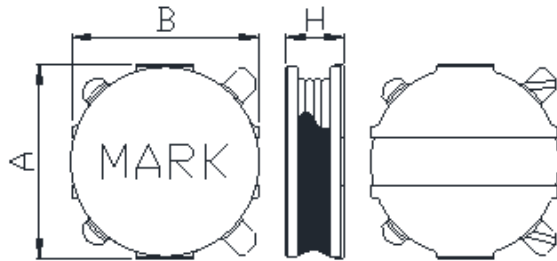
- ▶ High current and low profile.
- ▶ Available tape and reel for auto insertion
- ▶ Simple and Shield structure.
- ▶ RoHS compliant
- ▶ AEC-Q200 qualified.

Applications

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

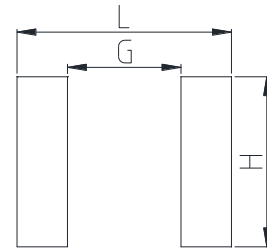


Dimension (Unit:mm)



A	B	H
8.0±0.2	8.0±0.2	4.0Max

Land Pattern (Unit:mm)



L	G	H
8.2	3.8	7.5

Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max.(Typ.)	IDC1(A) Max.(Typ.)	IDC2(A) Max.(Typ.)	Test Frequency (Hz)
CMI-CDP8040NF-6R8M	6.8	30(25)	5.40(5.60)	5.50(5.90)	100k
CMI-CDP8040NF-680M	68	240(200)	1.50(1.60)	1.50(1.60)	100k
CMI-CDP8040NF-221M	220	770(700)	1.00(1.06)	1.00(1.06)	100k
CMI-CDP8040NF-681M	680	2365(2150)	0.60(0.64)	0.58(0.62)	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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• You can also contact us by e-mail : coilmaster@coilmaster.com

- All specifications are subject to change without notice.
- Update date : 2018.10.25

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