



CMI-CDP6045NF-SERIES

Features

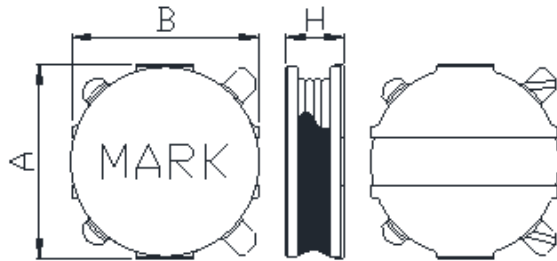
- ▶ High current and low profile.
- ▶ Available tape and reel for auto insertion
- ▶ Simple and Shield structure.
- ▶ RoHS compliant
- ▶ AEC-Q200 qualified.

Applications

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

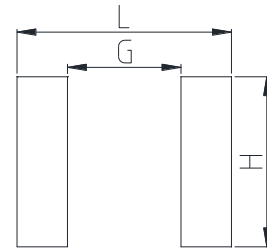


Dimension (Unit:mm)



A	B	H
6.2±0.2	6.0±0.2	4.6Max

Land Pattern (Unit:mm)



L	G	H
6.2	2.8	5.7

Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max.(Typ.)	IDC1(A) Max.(Typ.)	IDC2(A) Max.(Typ.)	Test Frequency (Hz)
CMI-CDP6045NF-1R0M	1.0	15.6(13.0)	9.50(10.00)	8.20(7.80)	100k
CMI-CDP6045NF-3R3M	3.3	30.6(25.5)	5.20(5.70)	5.20(5.70)	100k
CMI-CDP6045NF-4R7M	4.7	32.4(27.0)	3.60(3.90)	3.50(3.80)	100k
CMI-CDP6045NF-100M	10	61.2(51.0)	3.20(3.40)	2.45(2.60)	100k
CMI-CDP6045NF-220M	22	117.6(98.0)	2.00(2.30)	1.70(1.90)	100k
CMI-CDP6045NF-101M	100	453(378)	1.40(1.50)	1.30(1.40)	100k
CMI-CDP6045NF-221M	220	960(800)	0.90(1.00)	0.90(1.00)	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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• You can also contact us by e-mail : coilmaster@coilmaster.com

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

www.coilmaster.com