

CMI-CDOP5020NF-SERIES

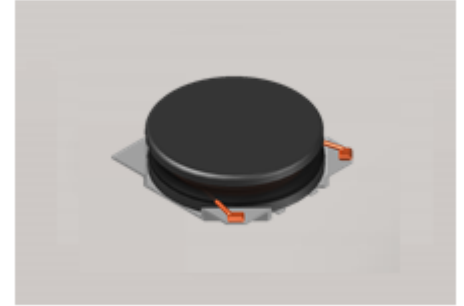


Features

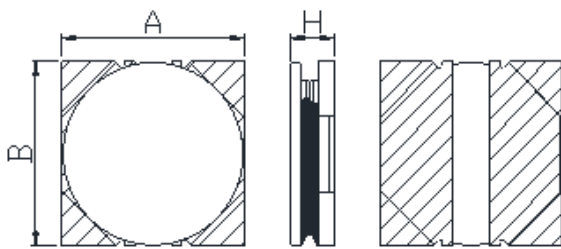
- ▶ High current and low profile.
- ▶ Available tape and reel for auto insertion
- ▶ Simple and Shield structure.

Applications

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

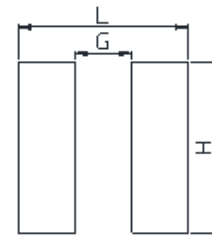


Dimension (Unit:mm)



A	B	H
5.0±0.2	5.0±0.2	2.0Max

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-CDOP5020NF-1R0N	1.0	30%	33	5.50	3.90	1M
CMI-CDOP5020NF-2R2N	2.2	30%	40	4.00	2.90	1M
CMI-CDOP5020NF-3R3N	3.3	30%	53	3.50	2.50	1M
CMI-CDOP5020NF-4R7N	4.7	30%	80	2.60	2.00	1M
CMI-CDOP5020NF-6R8N	6.8	30%	101	2.40	2.00	1M
CMI-CDOP5020NF-100M	10	20%	147	1.90	1.50	1M
CMI-CDOP5020NF-150M	15	20%	227	1.50	1.20	1M
CMI-CDOP5020NF-220M	22	20%	302	1.30	1.10	1M
CMI-CDOP5020NF-330M	33	20%	467	1.10	0.84	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

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