

CMI-CDSS4030NH-SERIES

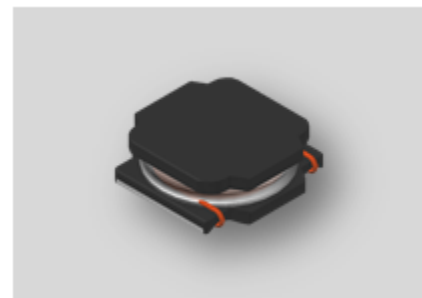


Features

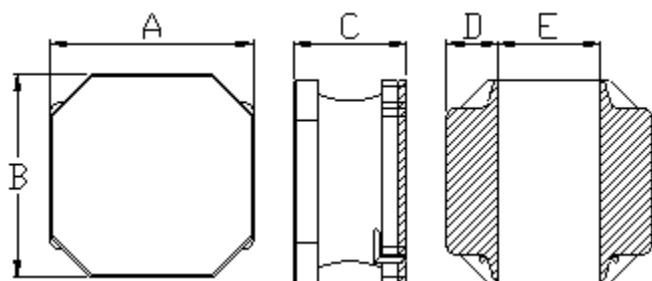
- ▶ High current and low profile.
- ▶ Available tape and reel for auto insertion
- ▶ Simple and Shield structure.
- ▶ Halogen-Free

Applications

- ▶ Car navigation, car stereo and car accessories only
(Not available for use related to driving, curving, stopping, and the other safety.)

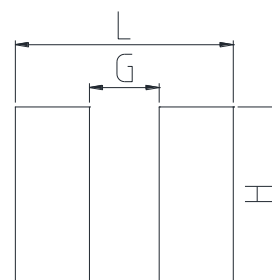


Dimension (Unit:mm)



A	B	C	D	E
4.0±0.2	4.0±0.2	3.0 Max.	1.2±0.2	1.6±0.2

Land Pattern (Unit:mm)



L	G	H
4.1	1.5	3.7

Specifications

Part Number	Inductance (uH)	Tolerance (±)	DCR(mΩ) ±20%	IDC1(A) Max.	IDC2(A) Max.	Test Frequency (Hz)
CMI-CDSS4030NH-1R0N	1.0	30%	16	5.26	4.14	100k
CMI-CDSS4030NH-1R5N	1.5	30%	20	4.84	3.34	100k
CMI-CDSS4030NH-2R2N	2.2	30%	30	4.40	2.95	100k
CMI-CDSS4030NH-3R3M	3.3	20%	40	3.30	2.40	100k
CMI-CDSS4030NH-4R7M	4.7	20%	60	2.90	2.00	100k
CMI-CDSS4030NH-6R8M	6.8	20%	90	2.75	1.60	100k
CMI-CDSS4030NH-100M	10	20%	100	1.95	1.50	100k
CMI-CDSS4030NH-150M	15	20%	190	1.65	1.11	100k
CMI-CDSS4030NH-220M	22	20%	225	1.30	1.00	100k
CMI-CDSS4030NH-330M	33	20%	330	1.10	0.84	100k
CMI-CDSS4030NH-470M	47	20%	445	0.95	0.72	100k
CMI-CDSS4030NH-680M	68	20%	868	0.72	0.52	100k

- All specifications are subject to change without notice.
- Update date : 2018.04.11

Part Number	Inductance (uH)	Tolerance (±)	DCR(mΩ) ±20%	IDC1(A) Max.	IDC2(A) Max.	Test Frequency (Hz)
CMI-CDSS4030NH-101M	100	20%	1150	0.60	0.45	100k
CMI-CDSS4030NH-151M	150	20%	1800	0.50	0.30	100k
CMI-CDSS4030NH-221M	220	20%	2500	0.40	0.35	100k
CMI-CDSS4030NH-331M	330	20%	4000	0.30	0.25	100k
CMI-CDSS4030NH-471M	470	20%	7200	0.30	0.20	100k
CMI-CDSS4030NH-681M	680	20%	7580	0.19	0.14	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 ~ +105 °c

Ilsan Sales Office (KOREA)
 H.K Sales Office (HONGKONG)
 Shenzhen Sales Office (CHINA)
 LA Sales Office (USA)
 Hungary Sales office (EUROPE)

+82)31-904-1444
 +852)2711-5551
 +86)755-8663-6929
 +1)866-446-3586
 +36)30-913-7706

coilmaster@coilmaster.com
coilmaster@coilmaster.com
coilmaster@coilmaster.com
coilmaster@coilmaster.com
coilmaster@coilmaster.com

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