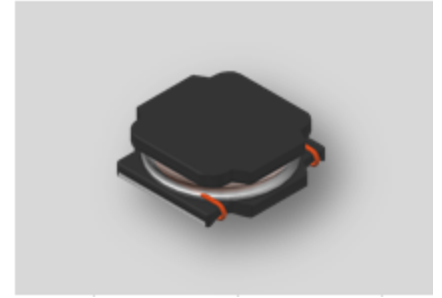


# CMI-CDSS4018NH-SERIES



## Features

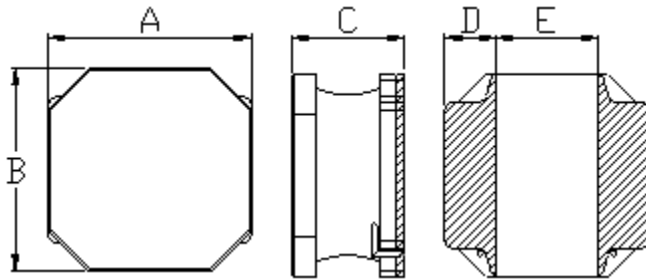
- ▶ High current and low profile.
- ▶ Available tape and reel for auto insertion
- ▶ Simple and Shield structure.
- ▶ Halogen-Free
- ▶ AEC-Q200 qualified



## Applications

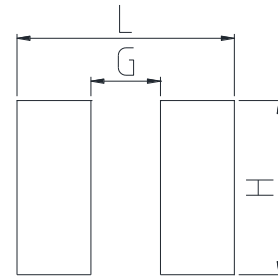
- ▶ Car navigation, car stereo and car accessories only  
(Not available for use related to driving, curving, stopping, and the other safety.)

Dimension (Unit:mm)



A	B	C	D	E
4.0±0.2	4.0±0.2	1.8 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-DSS4018NH-1R0N	1.0	30%	25	4.20	2.00	100k
CMI-DSS4018NH-1R5N	1.5	30%	30	3.35	1.80	100k
CMI-DSS4018NH-2R2M	2.2	20%	45	2.70	1.65	100k
CMI-DSS4018NH-3R3M	3.3	20%	70	2.45	1.23	100k
CMI-DSS4018NH-4R7M	4.7	20%	90	1.70	1.20	100k
CMI-DSS4018NH-6R8M	6.8	20%	110	1.45	1.06	100k
CMI-DSS4018NH-100M	10	20%	180	1.30	0.84	100k
CMI-DSS4018NH-150M	15	20%	250	0.94	0.65	100k
CMI-DSS4018NH-220M	22	20%	360	0.80	0.59	100k
CMI-DSS4018NH-330M	33	20%	530	0.56	0.49	100k
CMI-DSS4018NH-470M	47	20%	650	0.57	0.42	100k
CMI-DSS4018NH-680M	68	20%	1000	0.47	0.32	100k

• You can also contact us by e-mail : [coilmaster@coilmaster.com](mailto:coilmaster@coilmaster.com)

- 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-DSS4018NH-101M	100	20%	1750	0.40	0.25	100k
CMI-DSS4018NH-151M	150	20%	2500	0.31	0.22	100k
CMI-DSS4018NH-221M	220	20%	4000	0.27	0.17	100k
CMI-DSS4018NH-331M	330	20%	6500	0.20	0.14	100k
CMI-DSS4018NH-151M	150	20%	2500	0.31	0.22	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

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