

# CMI-CSPC8045NH-SERIES



## Features

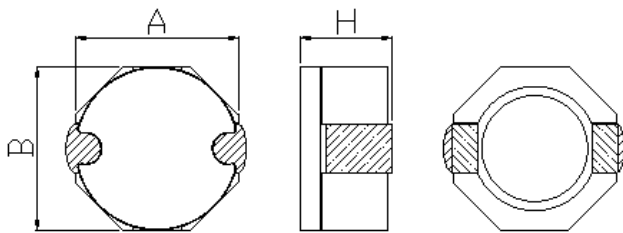
- ▶ SMD inductor
- ▶ It corresponds to high current.
- ▶ Simple and Shield structure.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant.
- ▶ AEC-Q200 qualified.



## Applications

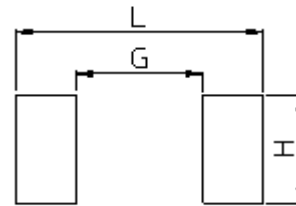
- ▶ Equipment using for automobiles (ECM, airbags, headlights, electronic Powder steering, motors, ABS, other)

Dimension (Unit:mm)



A	B	H
9.5±0.3	8.0±0.3	4.5Max

Land Pattern (Unit:mm)



L	G	H
10.1	6.1	2.8

## Specifications

Part Number	Inductance (uH)	Tolerance (±)	DCR(mohm) ±20%	IDC1(A) Max.	IDC2(A) Max.
CMI-CSPC8045NH-1R8N	1.8	30%	15	8.00	
CMI-CSPC8045NH-4R7M	4.7	20%	28	4.50	
CMI-CSPC8045NH-100M	10	20%	35	3.00	
CMI-CSPC8045NH-220M	22	20%	75	2.00	

- Inductance Tested at 100kHz, 1Vrms(20 °c)
- 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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- All specifications are subject to change without notice.
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