

# CMI-CSSP5030NH-SERIES



## Features

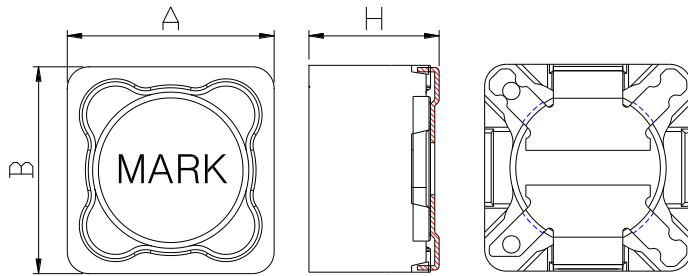
- ▶ Magnetic shield type wound inductor for power circuits.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant
- ▶ Halogen-Free
- ▶ AEC-Q200 qualified.

## Applications

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

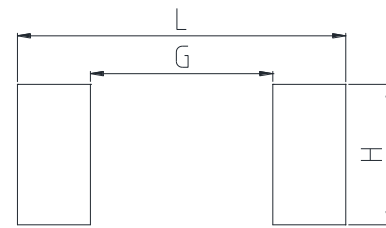


**Dimension (Unit:mm)**



A	B	H
5.0±0.2	5.0±0.2	3.0Max

**Land Pattern (Unit:mm)**



L	G	H
5.6	2.6	2.0

## Specifications

Part Number	Inductance (uH)	Tolerance (±)	DCR (mohm) ±20%	IDC1(A) Max	IDC2(A) Max	Test Frequency (Hz)
CMI-CSSP5030NH-4R7M	4.7	20%	61	2.70	2.50	100k
CMI-CSSP5030NH-100M	10	20%	96	1.90	2.10	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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- All specifications are subject to change without notice.
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