

# CMI-CSSP10040NF-SERIES



## Features

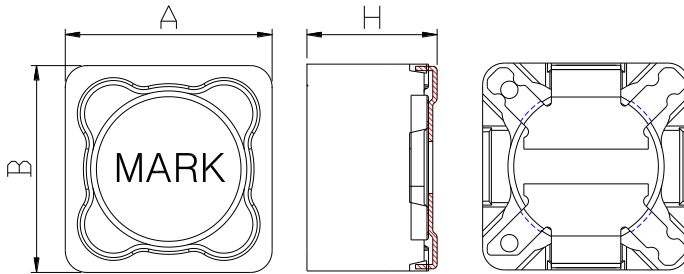
- ▶ Magnetic shield type wound inductor for power circuits.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant
- ▶ AEC-Q200 qualified.

## Applications

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

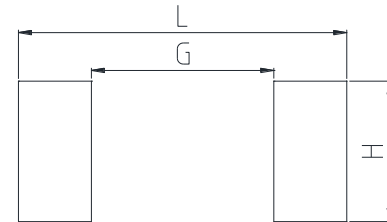


Dimension (Unit:mm)



A	B	H
10.0±0.3	10.0±0.3	4.0 Max

Land Pattern (Unit:mm)



L	G	H
10.8	5.8	4.9

## Specifications

Part Number	Inductance (uH)	Tolerance (±)	DCR (mohm) ±20%	IDC1(A) Max	IDC2(A) Max	Test Frequency (Hz)
CMI-CSSP10040NF-150M	15	20%	48	3.40	4.00	100k
CMI-CSSP10040NF-470M	47	20%	120	2.00	2.60	100k
CMI-CSSP10040NF-101M	100	20%	250	1.40	1.50	100k
CMI-CSSP10040NF-221M	220	20%	565	0.85	1.20	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 ~ +165 °C

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- All specifications are subject to change without notice.
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