

# CMI-CSSP7032NF-SERIES



## Features

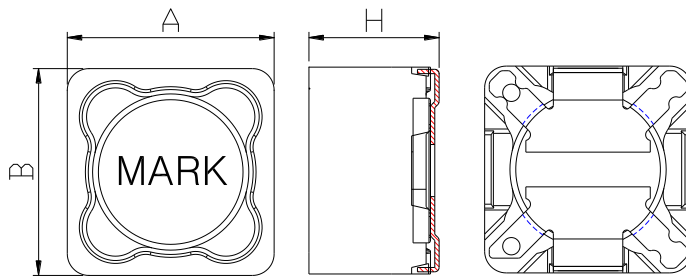
- ▶ Magnetic shield type wound inductor for power circuits.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant
- ▶ AEC-Q200 qualified.

## Applications

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

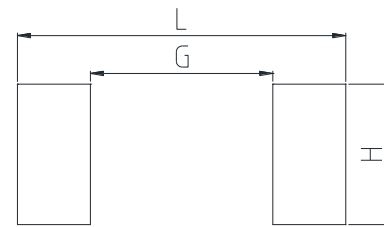


Dimension (Unit:mm)



A	B	H
7.15±0.2	7.15±0.2	3.2 Max

Land Pattern (Unit:mm)



L	G	H
7.4	5.0	3.0

## Specifications

Part Number	Inductance (uH)	Tolerance (±)	DCR (mohm) ±20%	IDC1(A) Max	IDC2(A) Max	Test Frequency (Hz)
CMI-CSSP7032NF-2R2M	2.2	20%	20	5.10	5.50	100k
CMI-CSSP7032NF-4R7M	4.7	20%	30	3.50	4.20	100k
CMI-CSSP7032NF-100M	10	20%	50	2.40	2.60	100k
CMI-CSSP7032NF-101M	100	20%	500	0.80	1.10	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 ~ +165 °C

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- All specifications are subject to change without notice.
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