

CMI-CSSP7045NF-SERIES



Features

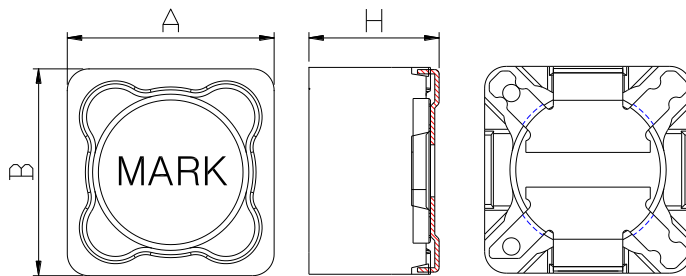
- ▶ Magnetic shield type wound inductor for power circuits.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant
- ▶ AEC-Q200 qualified.

Applications

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

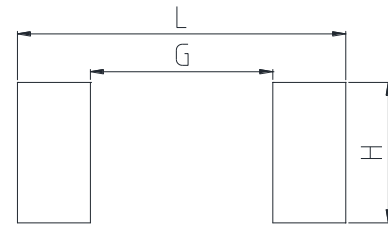


Dimension (Unit:mm)



A	B	H
7.15±0.2	7.15±0.2	4.5 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-CSSP7045NF-4R7M	4.7	20%	33	5.20	4.60	100k
CMI-CSSP7045NF-471M	470	20%	1050	0.32	0.40	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.
- Update date : 2017.12.22