

CMI-DP7032NH-SERIES



Features

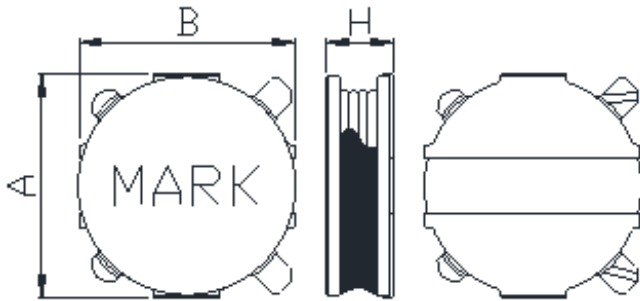
- ▶ SMD inductor.
- ▶ Resin shielded construction.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant
- ▶ Halogen-Free

Applications

- ▶ For small DC/DC converter (LCD/LED/OLED display, HDD, DSC etc).
- ▶ For Power supply circuits.

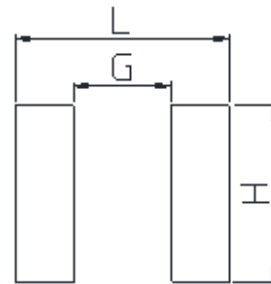


Dimension (Unit:mm)



A	B	H
7.0±0.3	7.0±0.3	3.2Max

Land Pattern (Unit:mm)



L	G	H
7.40	5.00	3.00

Specifications

Part Number	Inductance (uH)	Tolerance (±)	DCR (mohm) ±20%	Isat(A) Max	Itemp(A) Max	Test Frequency (Hz)
CMI-DP7032NH-1R0M	1.0	20%	17	4.50		100k
CMI-DP7032NH-3R3M	3.3	20%	27	3.60		100k
CMI-DP7032NH-4R7M	4.7	20%	33	3.10		100k
CMI-DP7032NH-6R8M	6.8	20%	43	2.50		100k
CMI-DP7032NH-100M	10	20%	58	2.00		100k
CMI-DP7032NH-220M	22	20%	125	1.30		100k
CMI-DP7032NH-330M	33	20%	193	1.10		100k
CMI-DP7032NH-470M	47	20%	271	0.85		100k
CMI-DP7032NH-680M	68	20%	397	0.80		100k

- You can also contact us by e-mail : coilmaster@coilmaster.com
- All specifications are subject to change without notice.
- Update date : 2015.11.19

Part Number	Inductance (uH)	Tolerance (±)	DCR (mohm) ±20%	Isat(A) Max	Itemp(A) Max	Test Frequency (Hz)
CMI-DP7032NH-101M	100	20%	533	0.65		100k
CMI-DP7032NH-221M	220	20%	1189	0.45		100k

- Isat: When based on the inductance change rate (approximately 20% below in the initial value)
- Itemp: When based on the temperature increase (Temperature increase of approximately 40°C by self heating)
- Operating temperature range : -40°C ~ +125°C (Including self-heating)

Note 1 : Circuit design, component placement, PCB trace size and thickness, airflow and other cooling. Provision all affect the part Temperature. Part temperature should be verified in the end application

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