

CMI-DP5020NH-SERIES



Features

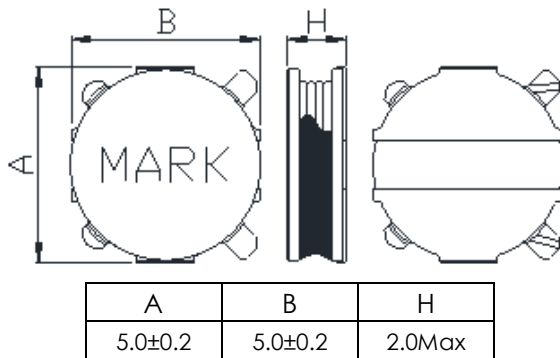
- ▶ SMD inductor.
- ▶ Resin shielded construction.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant
- ▶ Halogen-Free

Applications

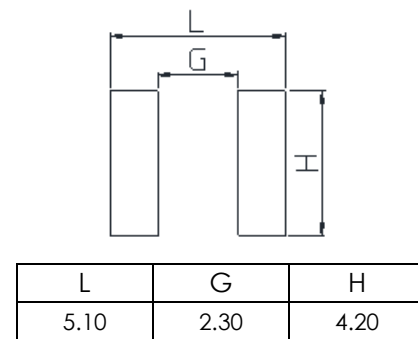
- ▶ For small DC/DC converter (LCD/LED/OLED display, HDD, DSC etc).
- ▶ For Power supply circuits.



Dimension (Unit:mm)



Land Pattern (Unit:mm)



Specifications

Part Number	Inductance (uH)	Tolerance (±)	DCR (mohm) ±20%	Isat(A) Max	Itemp(A) Max	Test Frequency (Hz)
CMI-DP5020NH-R47M	0.47	20%	12	6.15	4.60	100k
CMI-DP5020NH-R68M	0.68	20%	17	5.50	4.00	100k
CMI-DP5020NH-1R0M	1.0	20%	20	4.10	3.80	100k
CMI-DP5020NH-2R2M	2.2	20%	32	3.20	2.90	100k
CMI-DP5020NH-3R3M	3.3	20%	43	2.60	2.50	100k
CMI-DP5020NH-4R7M	4.7	20%	57	2.50	2.20	100k
CMI-DP5020NH-6R8M	6.8	20%	83	2.10	1.80	100k
CMI-DP5020NH-100M	10	20%	140	1.50	1.40	100k
CMI-DP5020NH-150M	15	20%	165	1.40	1.30	100k
CMI-DP5020NH-220M	22	20%	225	1.20	1.10	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)

Ilson Sales Office (KOREA) +82)31-904-1444
 Shenzhen Sales Office (CHINA) +86)755-8663-6929
 Hungary Sales office (EUROPE) +36)30-913-7706

H.K Sales Office (HONGKONG) +852)2711-5551
 LA Sales Office (USA) +1)866-446-3586

▪ You can also contact us by e-mail : coilmaster@coilmaster.com

- All specifications are subject to change without notice.
- Update date : 2015.11.19

www.coilmaster.com