

CMI-DP4018NH-SERIES



Features

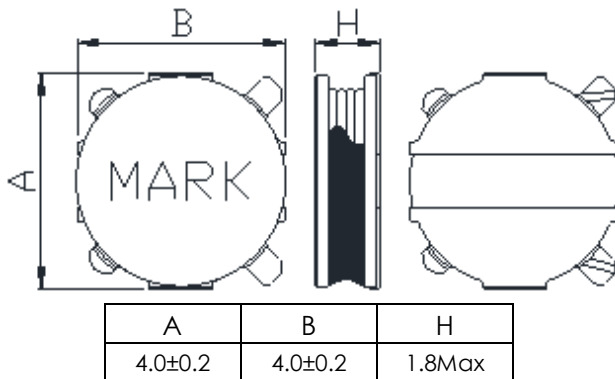
- ▶ SMD inductor.
- ▶ Resin shielded construction.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant
- ▶ Halogen-Free

Applications

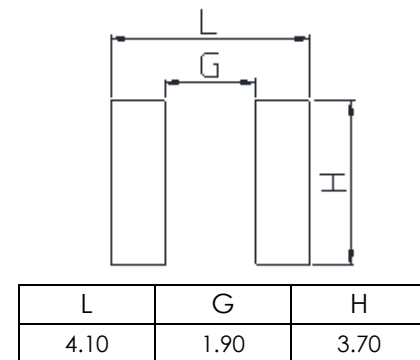
- ▶ For small DC/DC converter (LCD/LED/OLED display, HDD, DSC etc).
- ▶ For Power supply circuits.



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-DP4018NH-1R0M	1.0	20%	25	4.00	3.20	100k
CMI-DP4018NH-2R2M	2.2	20%	45	3.00	2.30	100k
CMI-DP4018NH-4R7M	4.7	20%	70	2.10	1.70	100k
CMI-DP4018NH-6R8M	6.8	20%	100	1.70	1.50	100k
CMI-DP4018NH-100M	10	20%	160	1.40	1.20	100k
CMI-DP4018NH-220M	22	20%	290	1.00	0.75	100k
CMI-DP4018NH-470M	47	20%	650	0.65	0.45	100k
CMI-DP4018NH-680M	68	20%	1000	0.55	0.35	100k
CMI-DP4018NH-101M	100	20%	1450	0.45	0.28	100k
CMI-DP4018NH-221M	220	20%	3800	0.28	0.17	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)

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

- All specifications are subject to change without notice.
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