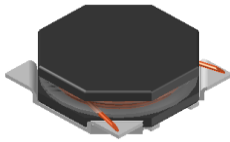
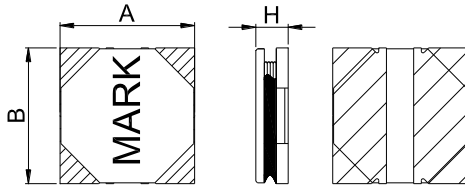


CMI-DOP252012NH-SERIES

Picture

Applications

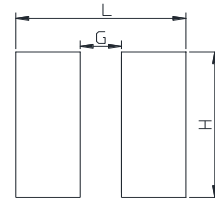
- For small DC/DC converter (cellular Phone, LCD/LED/OLED display, HDD, DSC etc).

Dimensions (Unit:mm)


SERIES	A(mm)	B(mm)	H(mm)Max
DOP252012NH	2.5±0.2	2.0±0.2	1.2

Features

- Small and Low profile inductor.
- It corresponds to High current.
- Simple and Shield structure.
- Available tape and reel for auto insertion.

Recommended Land Pattern


L(mm)	G(mm)	H(mm)
2.7	0.5	2.2

Regulation of Part number

<u>CMI</u>	<u>DOP</u>	<u>252012</u>	<u>N</u>	<u>H</u>	<u>R47</u>	<u>N</u>
①	②	③	④	⑤	⑥	⑦

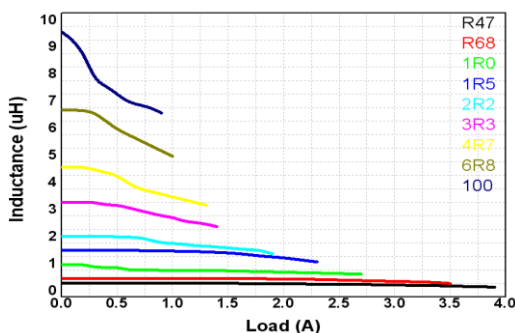
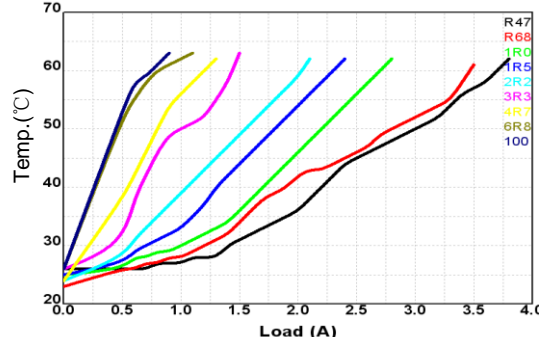
- ① CoilMaster Inductor
- ② Series Code
- ③ Dimension(unit : mm) : 2.5x2.0x1.2
- ④ Core Material
- ⑤ Halogen Free & Lead Free
- ⑥ Typical Inductance Value : R47=0.47μH
- ⑦ Tolerance : M=±20%, N=±30%

Specifications

Part Number	Inductance (uH)	Tolerance (±)	DCR (mΩ)±20%	Idc1(A) ^{*1}	Idc2(A) ^{*2}	Test Frequency (Hz)
CMI-DOP252012NH-R47N	0.47	30%	27	3.90	3.80	1M
CMI-DOP252012NH-R68N	0.68	30%	36	3.50	3.50	1M
CMI-DOP252012NH-1R0N	1.0	30%	43	2.70	2.80	1M
CMI-DOP252012NH-1R5N	1.5	30%	65	2.30	2.40	1M
CMI-DOP252012NH-2R2M	2.2	20%	80	1.90	2.10	1M
CMI-DOP252012NH-3R3M	3.3	20%	148	1.40	1.50	1M
CMI-DOP252012NH-4R7M	4.7	20%	183	1.25	1.30	1M
CMI-DOP252012NH-6R8M	6.8	20%	266	1.00	1.10	1M
CMI-DOP252012NH-100M	10	20%	334	0.86	0.89	1M

※1: The saturation current (Idc1) is the DC current value having inductance decrease down to 30%.

※2: The Temperature rise current value (Idc2) is the DC current value having temperature increase up to 40°C

IDC1

IDC2


www.coilmaster.com

单击下面可查看定价，库存，交付和生命周期等信息

[>>coilmaster\(卡尔马斯特\)](#)