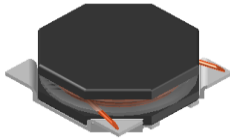


CMI-DOP252010NH-SERIES

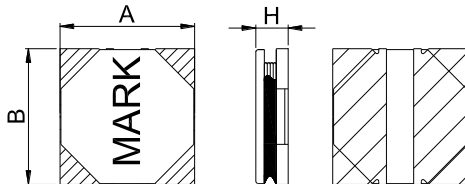
■ Picture



■ Applications

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

■ Dimensions (Unit:mm)

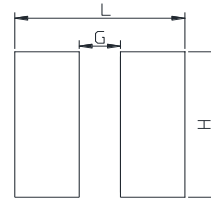


SERIES	A(mm)	B(mm)	H(mm)Max
DOP252010NH	2.5±0.2	2.0±0.2	1.0

■ Features

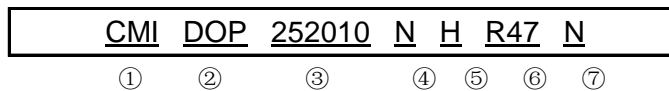
- Small and Low profile inductor.
- It corresponds to High current.
- Simple and Shield structure.
- Available tape and reel for auto insertion.

■ Recommended Land Pattern



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

■ Regulation of Part number



- ① CoilMaster Inductor
- ② Series Code
- ③ Dimension(unit : mm) : 2.5×2.0×1.0
- ④ Core Material
- ⑤ Halogen Free & Lead Free
- ⑥ Typical Inductance Value : R47=0.47μH
- ⑦ Tolerance : M=±20%, N=±30%

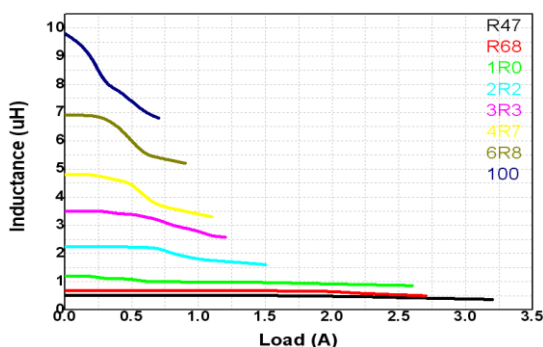
■ Specifications

Part Number	Inductance (uH)	Tolerance (±)	DCR (mΩ)±20%	Idc1(A) ^{*1}	Idc2(A) ^{*2}	Test Frequency (Hz)
CMI-DOP252010NH-R47N	0.47	30%	45	3.20	2.90	1M
CMI-DOP252010NH-R68N	0.68	30%	51	2.70	2.60	1M
CMI-DOP252010NH-1R0N	1.0	30%	77	2.60	2.10	1M
CMI-DOP252010NH-2R2M	2.2	20%	145	1.50	1.30	1M
CMI-DOP252010NH-3R3M	3.3	20%	225	1.20	1.00	1M
CMI-DOP252010NH-4R7M	4.7	20%	320	1.10	0.99	1M
CMI-DOP252010NH-6R8M	6.8	20%	460	0.86	0.84	1M
CMI-DOP252010NH-100M	10	20%	580	0.68	0.67	1M

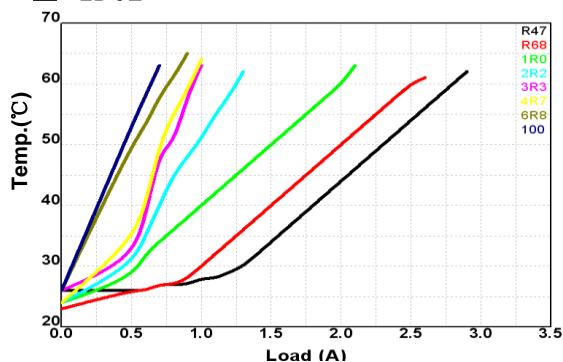
※1:The saturation current(Idc1) is the DC current value having inductance decrease down to 30%.

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

■ IDC1



■ IDC2



* All specification are subject to change without notice.

单击下面可查看定价，库存，交付和生命周期等信息

[>>coilmaster\(卡尔马斯特\)](#)