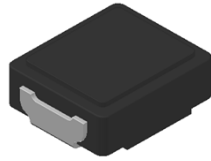


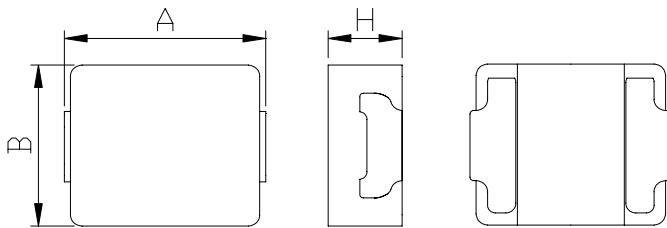
CMI-MMPP252010MH-SERIES

Picture

Features

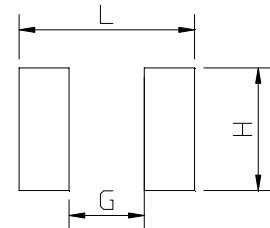
- Small and Low profile inductor.
- It corresponds to High current.
- Simple and Shield structure.
- Available tape and reel for auto insertion.

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
MMPP252010MH	2.5 ^{+0.3} _{-0.1}	2.0±0.2	1.0

Recommended Land Pattern


L(mm)	G(mm)	H(mm)
2.8	1.2	2.0

Regulation of Part number

CMI	MMPP	252010	M	H	1R0	N
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① ② ③ ④ ⑤ ⑥ ⑦

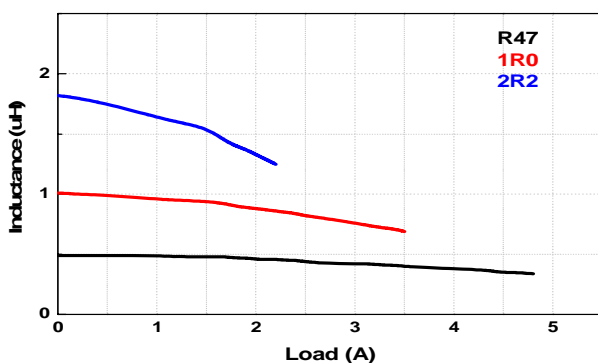
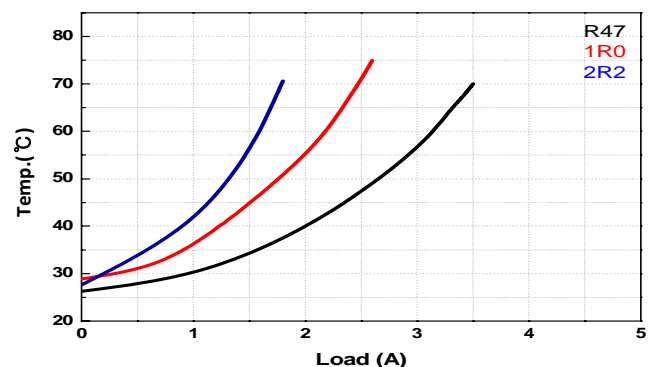
- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> ① CoilMaster Inductor ② Series Code ③ Dimension(unit : mm) : 2.5×2.0×1.0 ④ Core Material | <ul style="list-style-type: none"> ⑤ Halogen Free & Lead Free ⑥ Typical Inductance Value : 1R0=1.0μH ⑦ Tolerance : M=±20%, N=±30% |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Specifications

Part Number	Inductance (uH)	Tolerance (±)	DCR(mΩ) Max(Typ)	Idc1(A) ^{※1} Max.	Idc2(A) ^{※2} Max.	Test Frequency (Hz)
CMI-MMPP252010MH-R47N	0.47	30%	52(40)	4.00	3.20	1M
CMI-MMPP252010MH-1R0N	1.0	30%	78(60)	2.70	2.50	1M
CMI-MMPP252010MH-2R2N	2.2	30%	156(130)	1.90	1.60	1M

※1:DC current (Isat) that will cause Lo to drop approximately 30%Max, at I sat(A)

※2:DC current (Irms) that will cause an approximate Δt of 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\(卡尔马斯特\)](#)