

CMI-MPLD8050N1-SERIES



Features

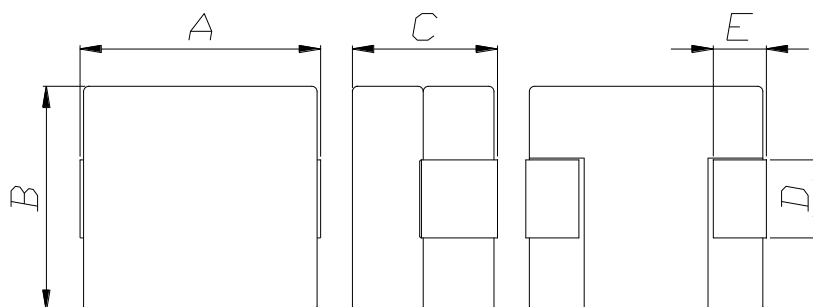
- ▶ High current and low profile.
- ▶ Ferrite Core type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant
- ▶ Halogen-Free

Applications

- ▶ For DC/DC Converter, AV equipment digital consumer electronics.

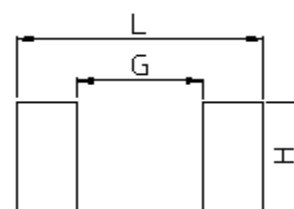


Dimension (Unit:mm)



A	B	C	D	E
7.62 Max.	7.49 Max.	4.96 Max	3.12±0.2	2.16±0.2

Land Pattern (Unit:mm)



L	G	H
7.98	2.40	3.43

Specifications

Part Number	Inductance (nH) ±10%	DCR(mohm) ±8%	Isat 1 (A) (at 25°C)	Isat 2 (A) (at 125°C)	Irms(A) Max.
CMI-MPLD8050N1-R03K	32	0.17	110	95	65
CMI-MPLD8050N1-R06K	58	0.17	83	61	65
CMI-MPLD8050N1-R07K	72	0.17	67	49	65
CMI-MPLD8050N1-R10K	100	0.17	50	35	65
CMI-MPLD8050N1-R20K	200	0.17	20	16	65

- Test Condition : 100kHz, 0.1Vrms
- Isat 1: Peak current for approximately 25% roll off at +25 °c
- Isat 2: Peak current for approximately 25% roll off at +125 °c
- Irms: DC current for an approximate temperature rise of 40 °c without core loss
- Operating Temperature Range(including self temperature) : -40°c ~ +125 °c
- Storage Condition : 5 °c~+40 °c, 30%~70%RH

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

- All specifications are subject to change without notice.
- Update date : 2019.09.04

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