

CMI-MPLD10080N1-SERIES



Features

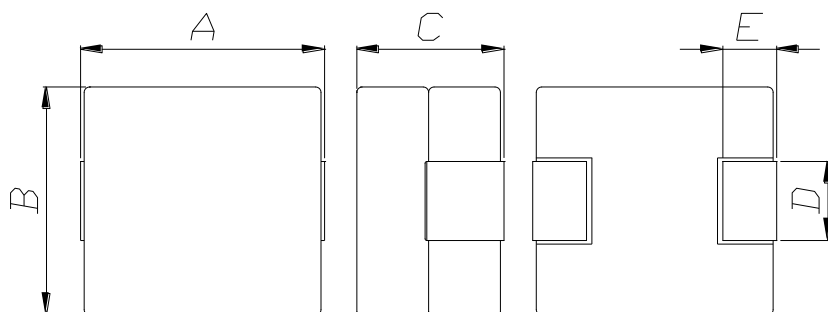
- ▶ High current and low profile.
- ▶ Ferrite Core type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant
- ▶ Halogen-Free

Applications

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

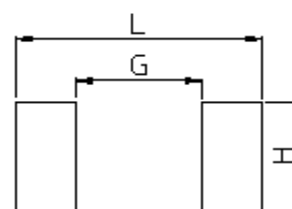


Dimension (Unit:mm)



A	B	C	D	E
10.2 Max.	8.0 Max.	8.0 Max	2.10±0.2	2.54±0.2

Land Pattern (Unit:mm)



L	G	H
11.18	4.06	2.54

Specifications

Part Number	Inductance (nH) ±10%	DCR (mohm) ±5%	Isat 1 (A) (at 25°C)	Isat 2 (A) (at 100°C)	Isat 3 (A) (at 125°C)	Irms(A) Max.
CMI-MPLD10080N1-R12K	120	0.18	95	84	77	68
CMI-MPLD10080N1-R15K	150	0.18	79	70	66	68
CMI-MPLD10080N1-R18K	180	0.18	62	56	52	68
CMI-MPLD10080N1-R22K	220	0.18	58	51	47	68

- 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 +100 °c
- Isat 3: 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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