

CMI-MPLD12080N1-SERIES



Features

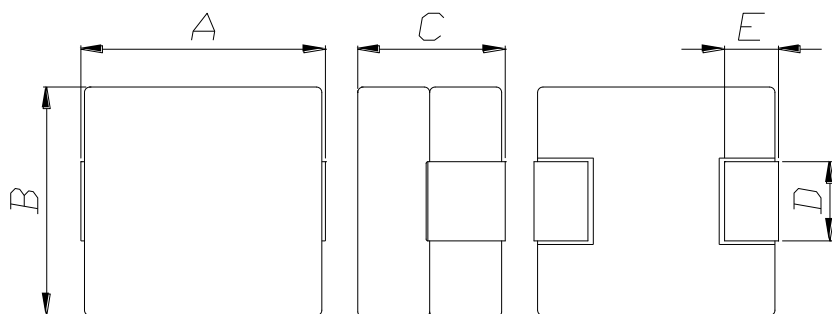
- ▶ High current and low profile.
- ▶ Ferrite Core type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant
- ▶ Halogen-Free

Applications

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

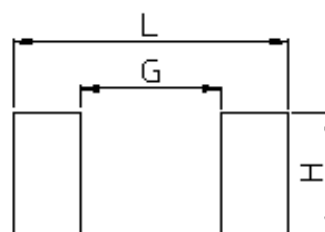


Dimension (Unit:mm)



A	B	C	D	E
11.8 Max.	8.1 Max.	8.0 Max	2.25±0.2	2.10±0.2

Land Pattern (Unit:mm)



L	G	H
12.6	5.0	2.64

Specifications

Part Number	Inductance (nH) ±10%	DCR(mohm) ±5%	Isat 1 (A) (at 25 °C)	Isat 2 (A) (at 125 °C)	Irms(A) Max.
CMI-MPLD12080N1-R15K	150	0.29	85	72	50
CMI-MPLD12080N1-R18K	180	0.29	72	63	50
CMI-MPLD12080N1-R21K	210	0.29	65	55	50
CMI-MPLD12080N1-R23K	230	0.29	61	50	50
CMI-MPLD12080N1-R25K	250	0.29	55	44	50

- 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
- I rms: 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