

CMI-MPLD10070N1-SERIES



Features

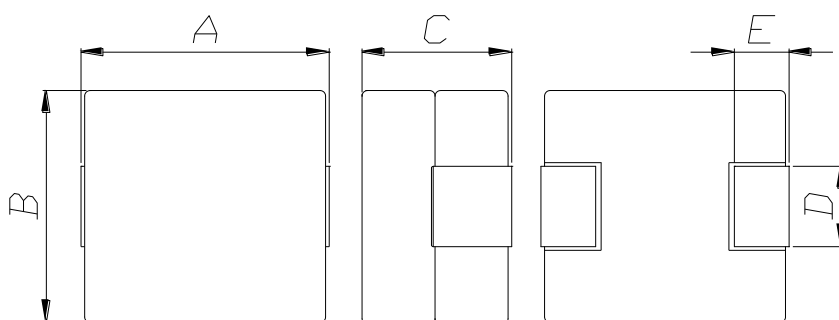
- ▶ High current and low profile.
- ▶ Ferrite Core type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant
- ▶ Halogen-Free

Applications

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

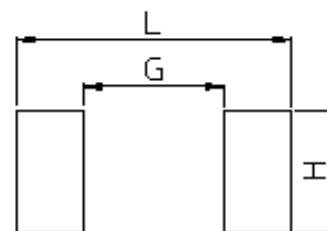


Dimension (Unit:mm)



A	B	C	D	E
10.5 Max.	8.0 Max.	7.0 Max	2.10±0.2	2.20±0.2

Land Pattern (Unit:mm)



L	G	H
11.0	5.0	2.6

Specifications

Part Number	Inductance (nH) ±10%	DCR(mohm) ±5%	Isat 1 (A) (at 25°C)	Isat 2 (A) (at 125°C)	I _{rms} (A) Max.
CMI-MPLD10070N1-R12K	115	0.29	94	86	61
CMI-MPLD10070N1-R15K	150	0.29	75	60	61
CMI-MPLD10070N1-R18K	180	0.29	60	50	61
CMI-MPLD10070N1-R22K	220	0.29	50	40	61
CMI-MPLD10070N1-R27K	270	0.29	41	33	61
CMI-MPLD10070N1-R30K	300	0.29	35	30	61
CMI-MPLD10070N1-R33K	330	0.29	33	26.5	61
CMI-MPLD10070N1-R36K	360	0.29	28	22.5	61

• 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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Part Number	Inductance (nH) $\pm 10\%$	DCR(mohm) $\pm 5\%$	Isat 1 (A) (at 25 °C)	Isat 2 (A) (at 125 °C)	Irms(A) Max.
CMI-MPLD10070N1-R39K	390	0.29	28	22.5	61
CMI-MPLD10070N1-R47K	470	0.29	23.5	19	61

- 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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