

# CMI-MPLD11070N1-SERIES



## Features

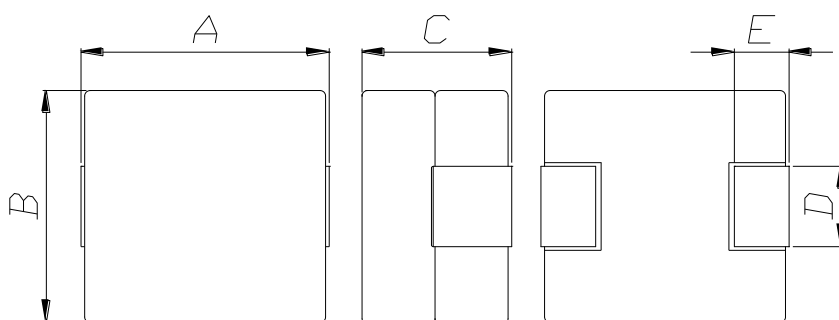
- ▶ High current and low profile.
- ▶ Ferrite Core type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant
- ▶ Halogen-Free

## Applications

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

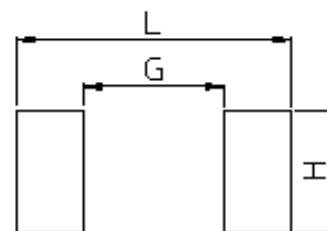


Dimension (Unit:mm)



A	B	C	D	E
11.2 Max.	7.2 Max.	7.5 Max	1.90±0.2	2.50±0.2

Land Pattern (Unit:mm)



L	G	H
11.2	5.0	2.1

## Specifications

Part Number	Inductance (nH) ±10%	DCR(mohm) ±5%	Isat 1 (A) (at 25°C)	Isat 2 (A) (at 125°C)	I <sub>rms</sub> (A) Max.
CMI-MPLD11070N1-R12K	120	0.29	90	72	55
CMI-MPLD11070N1-R15K	150	0.29	70	56	55
CMI-MPLD11070N1-R23K	230	0.29	45	36	55
CMI-MPLD11070N1-R30K	300	0.29	35	28	55
CMI-MPLD11070N1-R40K	400	0.29	25	20	55
CMI-MPLD11070N1-R51K	510	0.29	18	14.5	55

- You can also contact us by e-mail : [coilmaster@coilmaster.com](mailto:coilmaster@coilmaster.com)
- All specifications are subject to change without notice.
- Update date : 2019.09.04

Part Number	Inductance (nH) ±10%	DCR(mohm) ±6%	Isat 1 (A) (at 25 °C)	Isat 2 (A) (at 125 °C)	Irms(A) Max.
CMI-MPLD11070N1-R12K	120	0.47	90	72	42
CMI-MPLD11070N1-R15K	150	0.47	70	56	42
CMI-MPLD11070N1-R23K	230	0.47	45	36	42
CMI-MPLD11070N1-R30K	300	0.47	35	28	42
CMI-MPLD11070N1-R40K	400	0.47	25	20	42
CMI-MPLD11070N1-R51K	510	0.47	18	14.5	42

- 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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