

# CMI-MPLD9080N1-SERIES



## Features

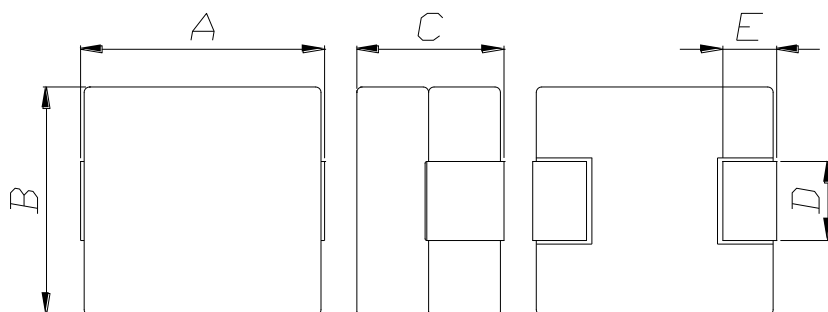
- ▶ High current and low profile.
- ▶ Ferrite Core type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant
- ▶ Halogen-Free

## Applications

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

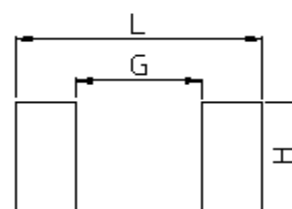


Dimension (Unit:mm)



A	B	C	D	E
9.6 Max.	6.4 Max.	8.0 Max	2.14±0.2	2.30±0.2

Land Pattern (Unit:mm)



L	G	H
10.4	4.00	2.54

## 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-MPLD9080N1-R10K	100	0.29	94	81	51
CMI-MPLD9080N1-R12K	120	0.29	79	68	51
CMI-MPLD9080N1-R15K	150	0.29	65	54.5	51
CMI-MPLD9080N1-R22K	220	0.29	44	37.5	51
CMI-MPLD9080N1-R28K	280	0.29	34	29	51
CMI-MPLD9080N1-R30K	300	0.29	32.5	27.5	51

- 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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- All specifications are subject to change without notice.
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