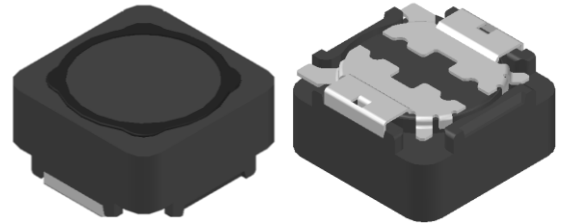


CMI-SSP12050NH-SERIES

Features

- ▶ SMD inductor
- ▶ It corresponds to High current.
- ▶ Simple and Shield structure.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant.
- ▶ Halogen Free.

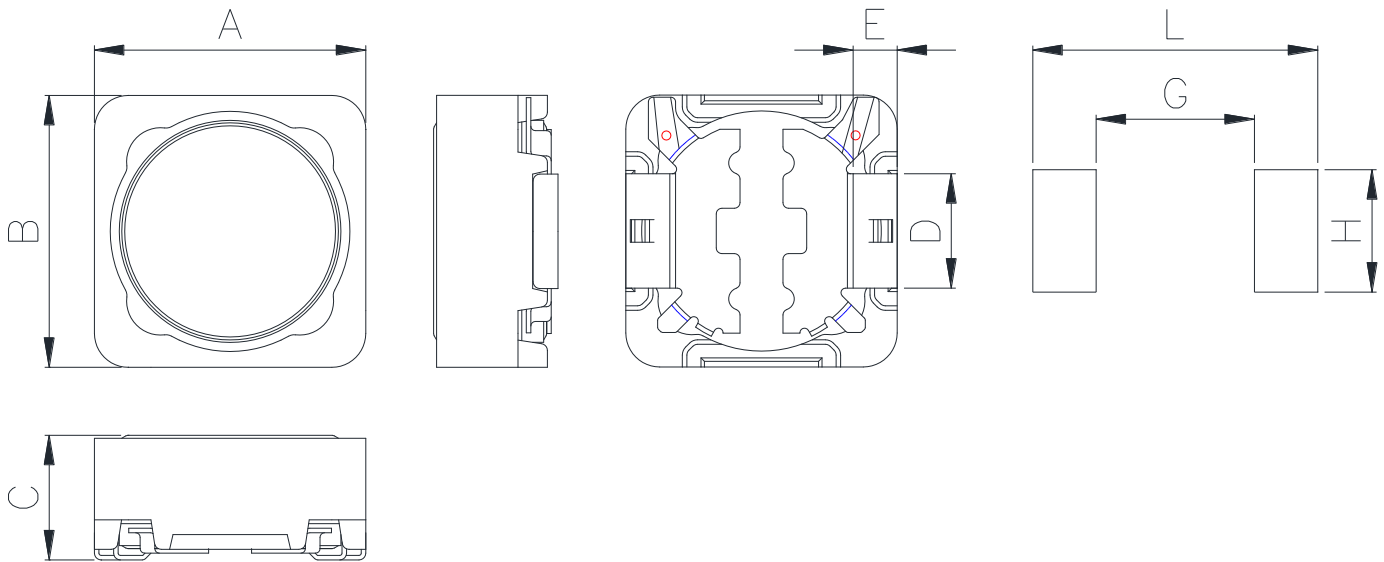


Applications

- ▶ For small DC/DC converter (LCD/LED/OLED TV, PC, SETTOP etc).
- ▶ For Power supply circuits.

Dimension (Unit:mm)

Land Pattern (Unit:mm)



A	B	C	D	E	G	H	L
12.0 ±0.3	12.0 ±0.3	5.0 Max.	5.0 ±0.2	1.9 ±0.3	7.0	5.4	12.6

Specifications

Part Number	Inductance (uH)	Tolerance (±)	DCR (mohm) Max.(Typ.)	Isat(A) Max.	Itemp(A) Max.	Test Frequency (Hz)
CMI-SSP12050NH-8R2N	8.2	30%	32.4(27)	5.50		100k
CMI-SSP12050NH-100M	10	20%	33.6(28)	4.50		100k
CMI-SSP12050NH-220M	22	20%	84(70)	2.90		100k
CMI-SSP12050NH-330M	33	20%	116.4(97)	2.70		100k
CMI-SSP12050NH-470M	47	20%	180(150)	1.90		100k
CMI-SSP12050NH-680M	68	20%	264(220)	1.50		100k
CMI-SSP12050NH-101M	100	20%	369.6(308)	1.20		100k
CMI-SSP12050NH-121M	120	20%	456(380)	1.10		100k
CMI-SSP12050NH-151M	150	20%	624(520)	0.95		100k
CMI-SSP12050NH-221M	220	20%	840(700)	0.80		100k
CMI-SSP12050NH-331M	330	20%	1176(980)	0.50		100k

- Isat: When based on the inductance change rate (Approximately 20% below in the initial value)
- Itemp: When based on the temperature increase (Temperature increase of approximately 40°C by self heating)
- Operating Temperature Range (including self temperature) : -40°C ~ +125 °c

Note 1 : Circuit design, component placement, PCB trace size and thickness, airflow and other cooling. Provision all affect the part Temperature. Part temperature should be verified in the end application.

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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 : 2015.11.09

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