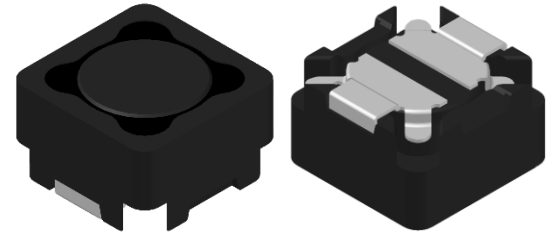


# CMI-SSP7043NH-SERIES

## Features

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

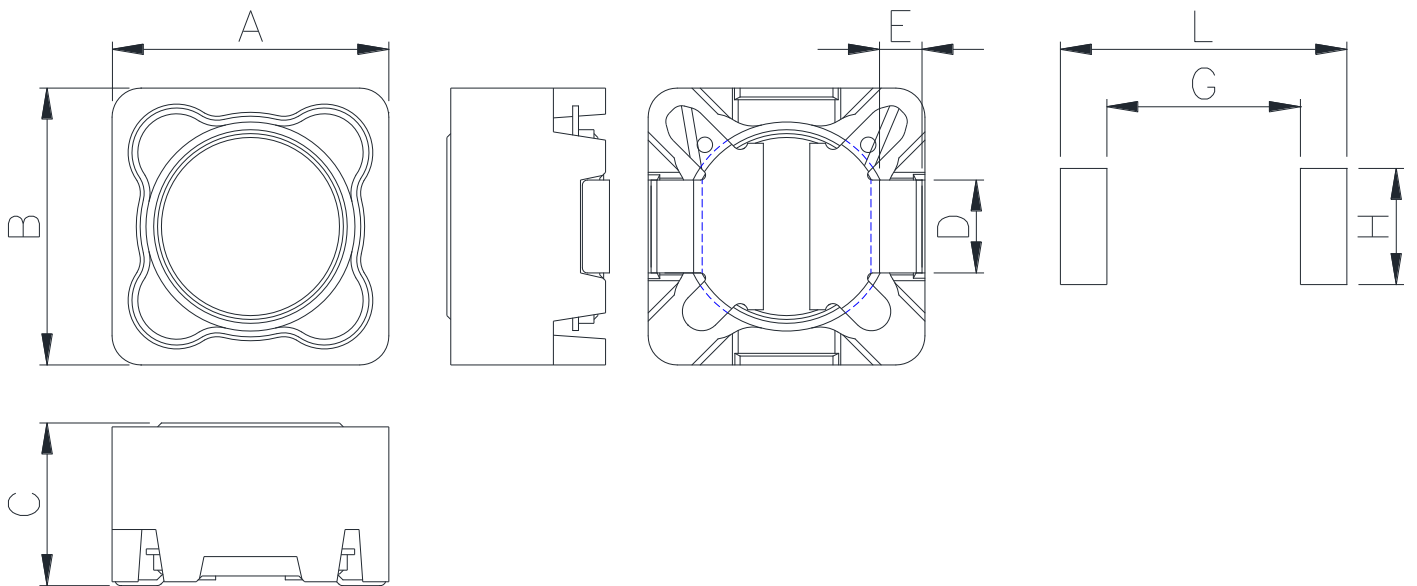


## Applications

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

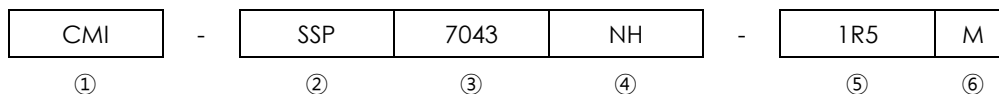
## Dimension (Unit:mm)

## Land Pattern (Unit:mm)



A	B	C	D	E	G	H	L
7.15 ±0.2	7.15 ±0.2	4.3 Max.	2.4 ±0.2	1.1 ±0.2	5.0	3.0	7.4

## Regulation of part number



- ① CoilMaster's initial
- ② Series Name : Shielded core Square shape Pin type Power Inductor
- ③ Core Size (unit:mm)
- ④ Type
- ⑤ Typical inductance value (1.5uH)
- ⑥ Inductance tolerance (±20%)

## Specifications

Part Number	Inductance (uH)	Tolerance (±)	DCR (mohm) Max.(Typ.)	Isat(A) Max.	Itemp(A) Max.	Test Frequency (Hz)
CMI-SSP7043NH-1R5M	1.5	20%	19.2(16)	7.00		100k
CMI-SSP7043NH-2R2M	2.2	20%	22.8(19)	6.00		100k
CMI-SSP7043NH-3R3M	3.3	20%	28.8(24)	5.20		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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- All specifications are subject to change without notice.
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