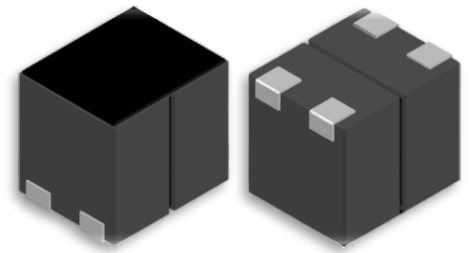


# CMI-TMMPP7075HL-SERIES

## Features

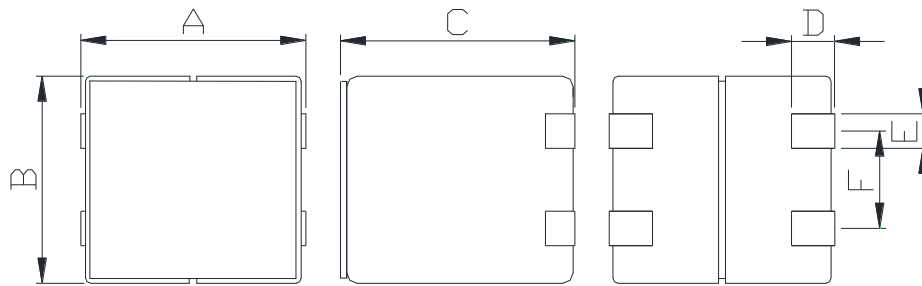
- ▶ Space reduction is realized by 2 in 1 construction
- ▶ High current, Low resistance
- ▶ Halogen-Free / RoHS compliant.
- ▶ AEC-Q200 qualified.



## Applications

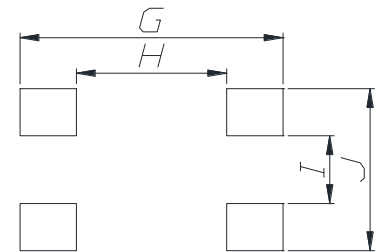
- ▶ Automotive (Car Audio, Car Navigation)

Dimension (Unit:mm)



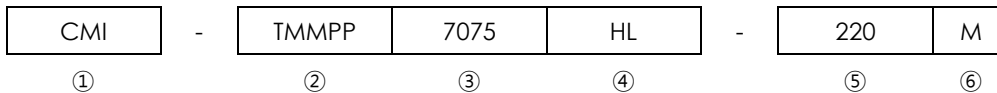
A	B	C	D	E	F
7.2±0.3	6.6±0.3	7.5±0.3	1.1±0.3	1.7±0.3	3.1±0.3

Land Pattern (Unit:mm)



G	H	I	J
7.3	3.3	1.4	4.6

## Regulation of part number



- ① CoilMaster's initial
- ② Series Name : Two in one Metal Molded Power inductor Pin type
- ③ Size (unit:mm)
- ④ Material
- ⑤ Typical inductance value (22.0 uH)
- ⑥ Inductance tolerance (±20%)

- 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 : 2022.07.07

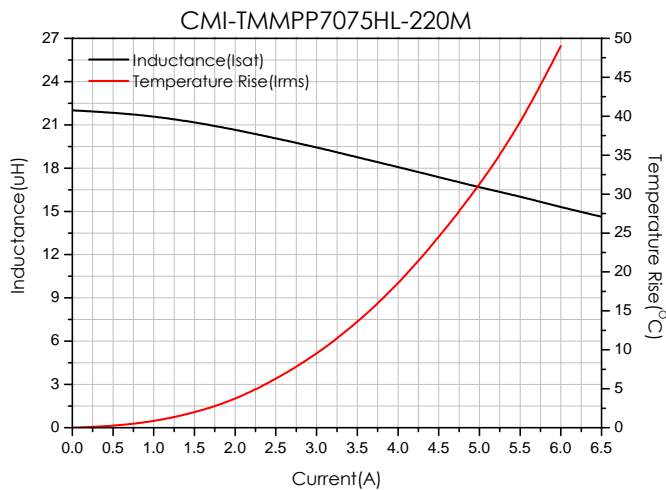
## Specifications

Part Number	Inductance (uH) $\pm 20\%$	DCR(mohm) Max.(Typ.)	Isat(A) Max.(Typ.)	Irms(A) Max.(Typ.)	SRF(Hz) Min
CMI-TMMPP7075HL-220M	22.0	120(100)	4.30(4.80)	4.30(4.80)	8M

- Test Frequency : 1MHz
- Isat: When based on the inductance change rate (approximately 30% below in the initial value)
- Irms: When based on the temperature increase (Temperature increase of approximately 40°C by self heating)
- Operating Temperature Range(including self temperature) : -40°C ~ +165 °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.

## Electrical characteristics



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