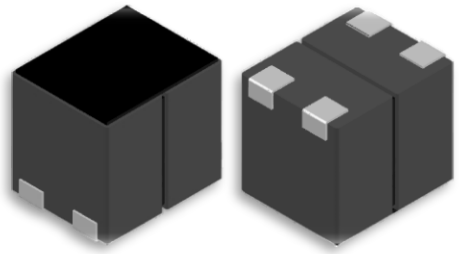
CMI-TMMPP7075HL-SERIES

Features

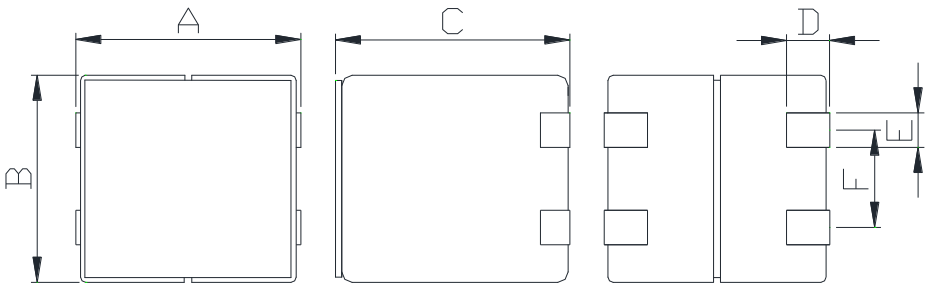


- ► Space reduction is realized by 2 in 1 construction
- ► High current, Low resistance
- ► Halogen-Free / RoHS compliant.
- ► AEC-Q200 qualified.

Applications

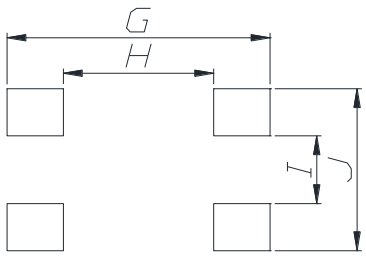
- ► Automotive (Car Audio, Car Navigation)

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

▪ **You can also contact us by e-mail :** coilmaster@coilmaster.com
▪ All specifications are subject to change without notice.
▪ Update date : 2024.11.11

Regulation of part number

CMI	-	TMMPP	7075	HL	-	1R0	M
①		②	③	④		⑤	⑥

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 (1.0 uH)

⑥ Inductance tolerance (±20%)

Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max.(Typ.)	Isat(A) Max.(Typ.)	Irms(A) Max.(Typ.)	Test Frequency (Hz)
CMI-TMMPP7075HL-1R0M	1.0	6.5(5.4)	16.5(19.5)	14.0(16.0)	1M
CMI-TMMPP7075HL-2R2M	2.2	13.8(11.5)	14.0(16.0)	11.0(12.0)	1M
CMI-TMMPP7075HL-3R3M	3.3	21.0(17.5)	11.5(13.5)	9.0(10.0)	1M
CMI-TMMPP7075HL-5R6M	5.6	36.0(30.0)	8.0(9.0)	7.0(8.0)	1M
CMI-TMMPP7075HL-6R8M	6.8	48.0(40.0)	6.0(7.0)	5.5(6.0)	1M
CMI-TMMPP7075HL-8R2M	8.2	52.0(45.0)	5.8(6.3)	4.3(4.8)	1M
CMI-TMMPP7075HL-100M	10.0	66.0(55.0)	5.5(6.0)	4.0(4.5)	1M
CMI-TMMPP7075HL-150M	15.0	96.0(80.0)	4.5(5.0)	3.5(3.8)	
CMI-TMMPP7075HL-220M	22.0	120(100)	3.8(4.3)	3.3(3.5)	1M

- 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.

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