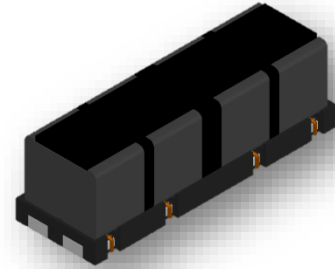


CMI-FMMPB25080MH-SERIES

Features

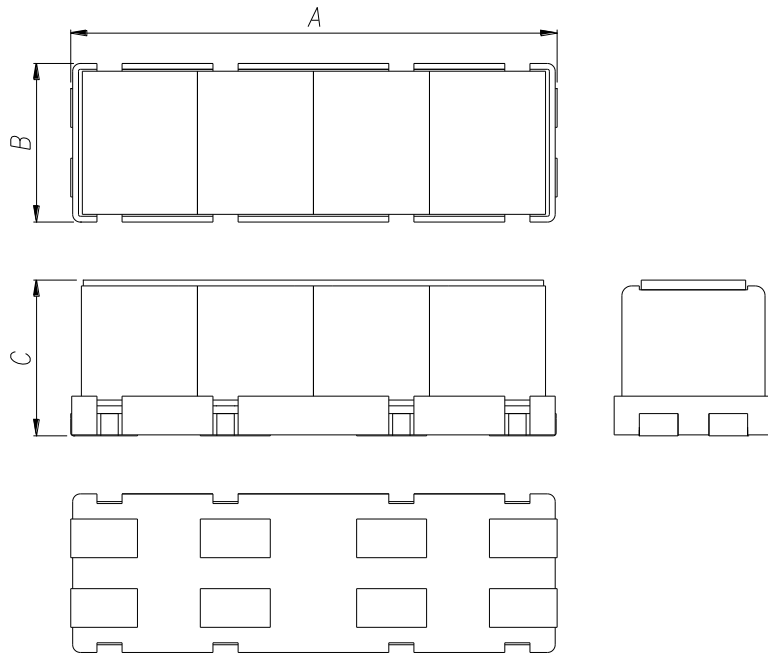
- ▶ Space reduction is realized by 4 in 1 construction
- ▶ Compact size.
- ▶ High current, Low resistance
- ▶ Halogen-Free / RoHS compliant.
- ▶ AEC-Q200 qualified.



Applications

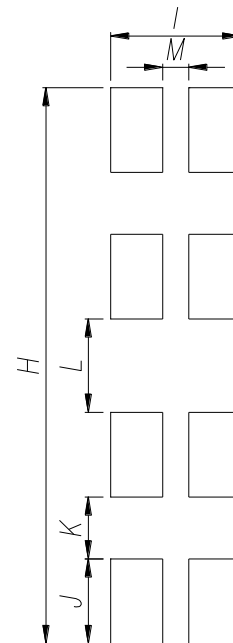
- ▶ Automotive (Car Audio, Car Navigation), Audio Visual (TV and Monitor, Mini component, AV amplifier, Amplifier for profile)

Dimension (Unit:mm)



A	B	C
25.0±0.3	8.2±0.2	8.5 Max

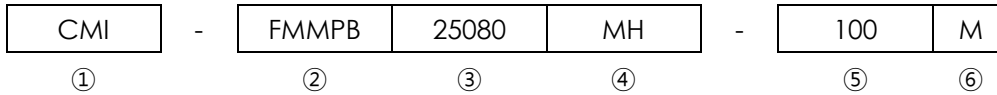
Land Pattern (Unit:mm)



H	I	J	K	L	M
25.6	6.0	3.9	2.85	4.3	1.2

- You can also contact us by e-mail : coilmaster@coilmaster.com
- All specifications are subject to change without notice.
- Update date : 2022.05.25

Regulation of part number



- ① CoilMaster's initial
- ② Series Name : Four in one Metal Molded Power inductor Base type.
- ③ Size (unit:mm)
- ④ Material
- ⑤ Typical inductance value (10.0 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-FMMPB25080MH-100M	10	60(50)	9.00(10.00)	7.00(7.50)	100k
CMI-FMMPB25080MH-220M	22	90(75)	4.50(5.00)	5.20(5.80)	100k

- 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 ~ +150 °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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