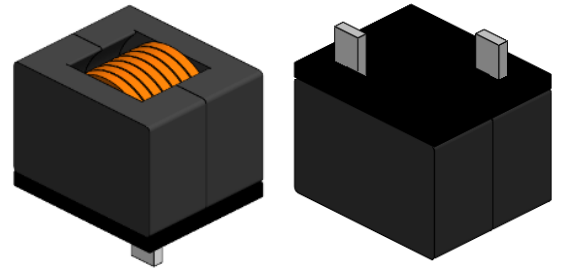


CMI-CEQ2722B-SERIES

Features

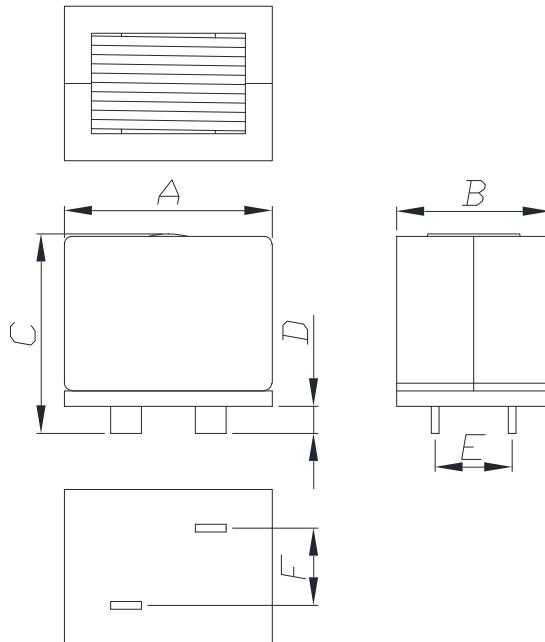
- ▶ Magnetically shielded
- ▶ High current and low profile
- ▶ Flat wire wound
- ▶ Extra solder pad for increased mechanical stability
- ▶ RoHS compliant
- ▶ AEC-Q200 qualified.



Applications

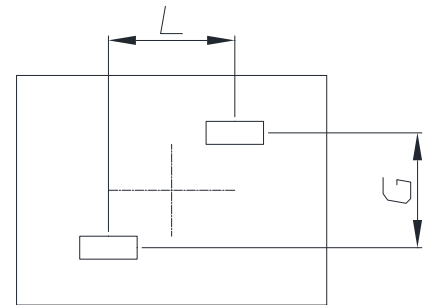
- ▶ Communication equipment, server, UPS uninterruptible power supply, new energy vehicles, ESS (Energy Storage System), industrial control system, medical instruments and meters, etc.

Dimension (Unit:mm)



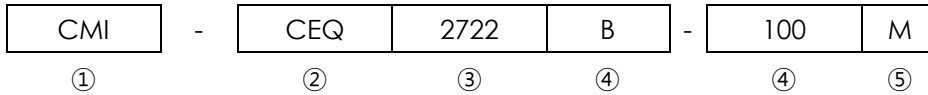
A	B	C	D	E	F
27.5 Max	21.5 Max	26.5 Max	3.5 ±0.5	10.0 Typ.	11.0 Typ.

Land Pattern (Unit:mm)



L	G
11.0	10.0

Regulation of part number



- ① CoilMaster's initial
- ② Series Name : Car metal EQ type inductor
- ③ Core Size (unit:mm)
- ④ Base
- ⑤ Typical inductance value (10.0uH)
- ⑥ Inductance tolerance (±20%)

Specifications

Part Number	Inductance (uH) ±20%	DCR (mohm) Max.(Typ.)	Isat(A) Max.(Typ.)	Itemp(A) Max.(Typ.)	Test Frequency
CMI-CEQ2722B-100M	10.0	2.0(1.7)	60.00(65.00)	50.00(55.00)	100kHz, 1V
CMI-CEQ2722B-130M	13.0	3.0(2.5)	55.00(60.00)	40.00(45.00)	100kHz, 1V

- Isat: When based on the inductance change rate (approximately 30% 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 ~ +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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- **You can also contact us by e-mail : coilmaster@coilmaster.com**
- All specifications are subject to change without notice.
- Update date : 2024.10.23