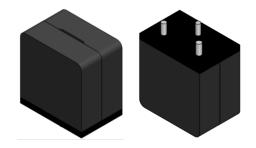


CMI-CSBL2323B3-220M

Features

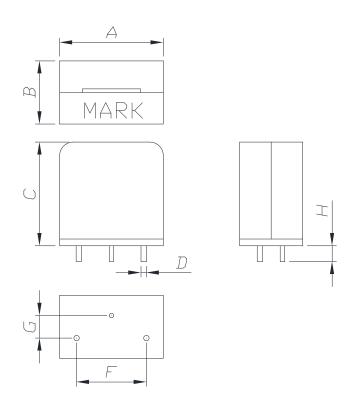
- ► Magnetically shielded
- ▶ High current and low profile.
- ► Extra solder pad for increased mechanical stability
- ▶ RoHS compliant.
- ► AEC-Q200 qualified.



Applications

► Equipment using for automobiles (ECM, Airbags, Headlights, Electronic Power Steering, Motors, ABS, other) ESS (Energy Storage System)

Dimension (Unit: mm)



Α	В	С	D	E	F	G
23.0 ±1	14.5 ±1.0	23.0 Max.	1.2 ±0.2	1.0 ±0.2	15.5 ±0.5	5.0 ±0.5

- You can also contact us by e-mail : coilmaster@coilmaster.com
- All specifications are subject to change without notice.
- Update date: 2024.10.23

Regulation of part number

	CMI	_	CSBL	2323	В3	_	220	М
•	(1)	<u>-</u> '	(2)	(3)	(4)		(5)	6

- 1 CoilMaster's initial
- 2 Series Name: Car Shield Base Lead type Power inductor
- 3 Core Size (unit:mm)
- (4) Base 3Pins
- (5) Typical inductance value (22.0uH)
- 6 Inductance tolerance (±20%)

Specifications

Part Number	Inductance (uH) ±20%	DCR (mohm) Max.	Isat(A) Max.	ltemp(A) Max.	Test Frequency (Hz)
CMI-CSBL2323B3-220M	22	9.1	16.5	8.7	100k, 0.25V

- 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 ~ $+125^{\circ}$ 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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- Update date: 2024.10.23