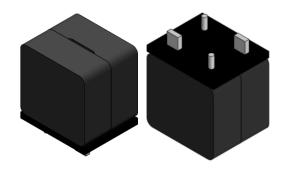


CMI-CSBL1719B4-220M

Features

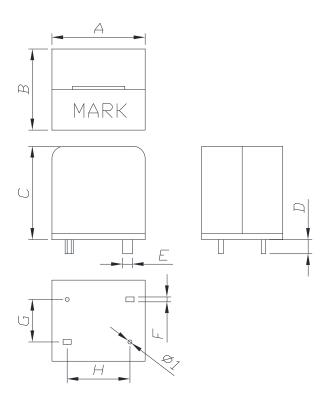
- ► Magnetically shielded
- ► High current and low profile.
- ► Flat wire wound
- ► Extra solder pad for increased mechanical stability
- ▶ RoHS compliant.
- ▶ AEC-Q200 qualified.



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	Е	F	G	Н
17.5 ±0.5	15.0 ±0.5	19.3 Max.	5.0 ±1.0	1.25 ±0.1	0.75 ±0.1	8.5 ±0.2	12.5 ±0.2

- 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	1719	B4	_	220	М
(1)		(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 4Pins
- ⑤ Typical inductance value (22.0uH)
- 6 Inductance tolerance (±20%)

Specifications

Part Number	Inductance (uH) ±20%	DCR (mohm) Max.	lsat(A) Max.	ltemp(A) Max.	Test Frequency (Hz)
CMI-CSBL1719B4-220M	22	11.0	15.0	13.5	1kHz, 0.3V

- 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.

Korea Sales Office (KOREA) China Sales Office (CHINA) +82)31-904-1444 +86)0758-683-1444

H.K Sales Office (HONGKONG) +852/2711-5551 LA Sales Office (USA) +1)714-616-6989

Hungary Sales office (EUROPE) +36) 1-404-5832

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