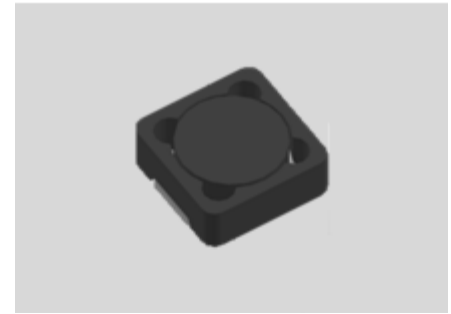


# CMI-CSSB12080NH-SERIES



## Features

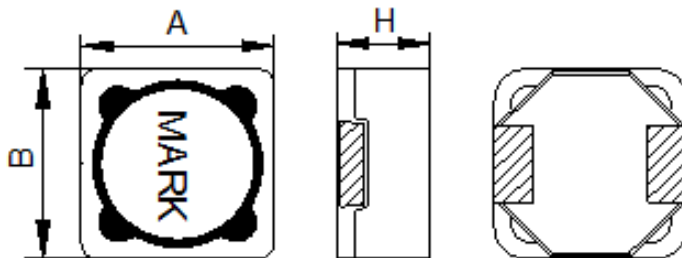
- ▶ SMD inductor.
- ▶ It corresponds to high current.
- ▶ Available tape and reel for auto insertion
- ▶ Simple and Shield structure.
- ▶ AEC-Q200 qualified
- ▶ Halogen-Free



## Applications

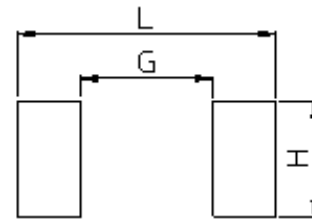
- ▶ Equipment using for automotive  
(ECM, airbags, headlights, electronic powder steering, motors, ABS, other)

Dimension (Unit:mm)



| A        | B        | H       |
|----------|----------|---------|
| 12.3±0.2 | 12.3±0.2 | 8.0 Max |

Land Pattern (Unit:mm)



| L    | G   | H   |
|------|-----|-----|
| 13.8 | 6.1 | 5.5 |

## Specifications

| Part Number          | Inductance (uH) ±20% | DCR(mohm) ±20% | IDC1(A) Max. | IDC2(A) Max. | Test Frequency (Hz) |
|----------------------|----------------------|----------------|--------------|--------------|---------------------|
| CMI-CSSB12080NH-3R9M | 3.9                  | 15.4           | 11.20        | 10.10        | 100k                |
| CMI-CSSB12080NH-100M | 10                   | 23             | 8.10         | 8.00         | 100k                |
| CMI-CSSB12080NH-150M | 15                   | 33             | 6.80         | 6.60         | 100k                |
| CMI-CSSB12080NH-820M | 82                   | 94             | 2.70         | 2.80         | 100k                |
| CMI-CSSB12080NH-471M | 470                  | 480            | 1.20         | 1.40         | 100k                |

- IDC1: When based on the inductance change rate (approximately 30% below in the initial value)
- IDC2: 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

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- All specifications are subject to change without notice.
- Update date : 2015.11.18

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