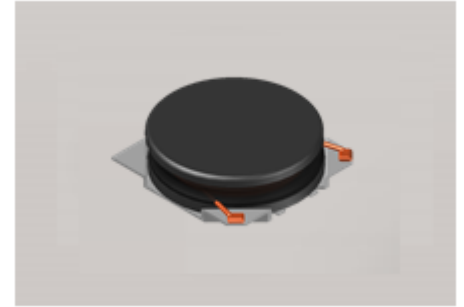


CMI-CDOP5030NH-SERIES



Features

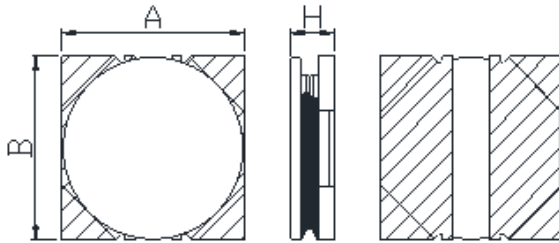
- ▶ High current and low profile.
- ▶ Available tape and reel for auto insertion
- ▶ Simple and Shield structure.
- ▶ Halogen-Free



Applications

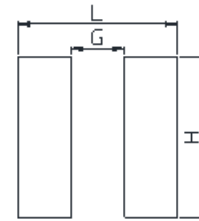
- ▶ Car navigation, car stereo and car accessories only
(Not available for use related to driving, curving, stopping, and the other safety.)

Dimension (Unit:mm)



| A | B | H |
|---------|---------|--------|
| 5.0±0.2 | 5.0±0.2 | 3.0Max |

Land Pattern (Unit:mm)



| L | G | H |
|-----|-----|-----|
| 5.2 | 1.1 | 5.2 |

Specifications

| Part Number | Inductance (uH) | Tolerance (±) | DCR(mΩ) ±20% | IDC1(A) Max. | IDC2(A) Max. | Test Frequency (Hz) |
|---------------------|-----------------|---------------|--------------|--------------|--------------|---------------------|
| CMI-CDOP5030NH-1R0N | 1.0 | 30% | 22 | 5.70 | 4.30 | 1M |
| CMI-CDOP5030NH-1R5N | 1.5 | 30% | 27 | 5.10 | 4.00 | 1M |
| CMI-CDOP5030NH-1R8N | 1.8 | 30% | 28 | 4.50 | 3.90 | 1M |
| CMI-CDOP5030NH-2R2N | 2.2 | 30% | 32 | 3.90 | 3.50 | 1M |
| CMI-CDOP5030NH-3R3N | 3.3 | 30% | 35 | 3.50 | 3.40 | 1M |
| CMI-CDOP5030NH-4R7N | 4.7 | 30% | 51 | 2.80 | 2.60 | 1M |
| CMI-CDOP5030NH-6R8N | 6.8 | 30% | 64 | 2.40 | 2.30 | 1M |
| CMI-CDOP5030NH-100M | 10 | 20% | 96 | 1.90 | 1.90 | 1M |
| CMI-CDOP5030NH-220M | 22 | 20% | 190 | 1.30 | 1.40 | 1M |

- 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 ~ +105 °C

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- All specifications are subject to change without notice.
- Update date : 2018.04.11