

CMI-CMMPP13070MH-SERIES



Features

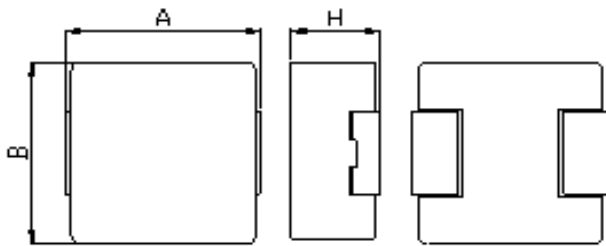
- ▶ High current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ RoHS compliant.

Applications

- ▶ For DC/DC converter(LED/OLED TV, TABLAT, DISPLAY, GRAPHIC CARD, NOTE PC, SETTOP, etc.)
- ▶ Equipment using for automobiles (ECM, airbags, headlights, electronic Powder steering, motors, ABS, other)

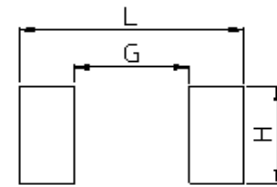


Dimension (Unit:mm)



| A | B | H |
|--------|----------|---------|
| 14 Max | 12.6±0.4 | 7.0 Max |

Land Pattern (Unit:mm)



| L | G | H |
|------|------|------|
| 15.0 | 7.00 | 5.50 |

Specifications

| Part Number | Inductance (uH) ±20% | DCR(mohm) Max(Typ) | IDC1(A) Typ | IDC2(A) Typ | Test Frequency (Hz) |
|-----------------------|----------------------|--------------------|-------------|-------------|---------------------|
| CMI-CMMPP13070MH-1R0M | 1.0 | 1.7(1.5) | 50.00 | 30.00 | 1M |
| CMI-CMMPP13070MH-2R2M | 2.2 | 4.0(3.3) | 40.00 | 22.00 | 1M |
| CMI-CMMPP13070MH-3R3M | 3.3 | 6.5(5.4) | 32.00 | 20.00 | 1M |
| CMI-CMMPP13070MH-100M | 10 | 16.0(13.2) | 16.50 | 12.50 | 1M |
| | | | | | |
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- IDC1: When based on the inductance change rate (approximately 20% 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.
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