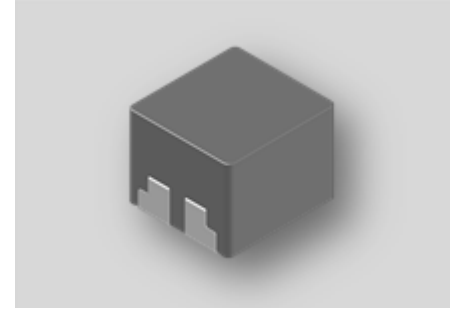


CMI-CMMPP10080HL-DB SERIES



Features

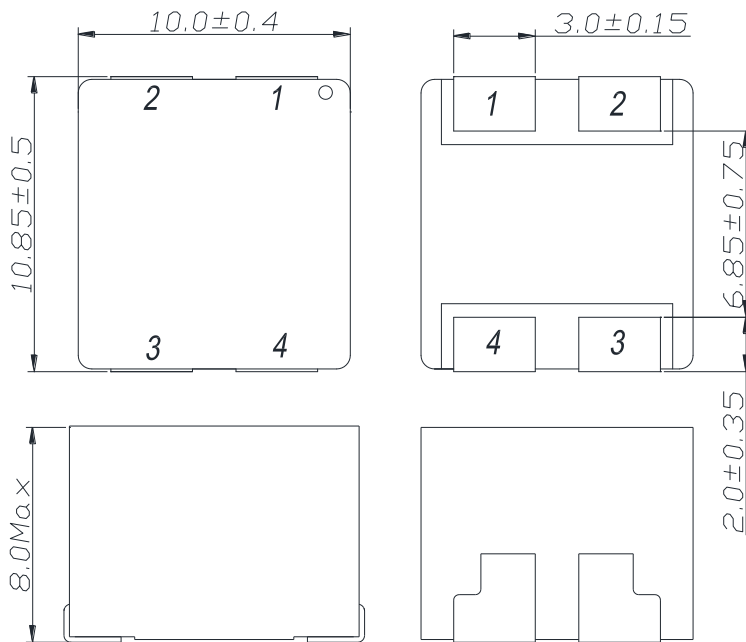
- ▶ High current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Available tape and reel for auto insertion.
- ▶ Coupling Inductor (2in1)
- ▶ Halogen-Free
- ▶ RoHS compliant.
- ▶ AEC-Q200 qualified.



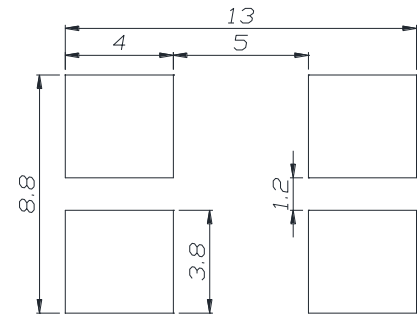
Applications

- ▶ SEPIC Circuit
- ▶ Equipment using for automobiles (ECM, airbags, headlights, Electronic Powder steering, motors, ABS, other)
- ▶ DC/DC Converters
- ▶ Common mode applications
- ▶ LED Lighting

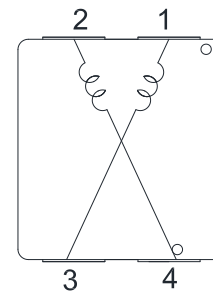
Dimension (Unit:mm)



Land Pattern (Unit:mm)



Schematic



Specifications

Part Number	Inductance (uH) $\pm 20\%$	DCR(mohm) Max(Typ)	IDC1(A) Max(Typ)	IDC2(A) Max(Typ)	Test Frequency (Hz)
CMI-CMMPP10080HL-150M-DB	15	46.8(39.0)	9.60(11.00)	5.50(6.50)	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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▪ You can also contact us by e-mail : coilmaster@coilmaster.com

- All specifications are subject to change without notice.
- Update date : 2018.10.25

www.coilmaster.com