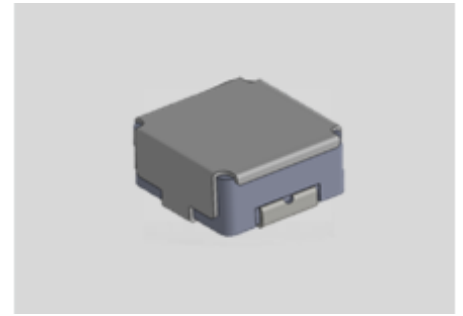


# CMI-CMMPP7030MH-SC SERIES



## Features

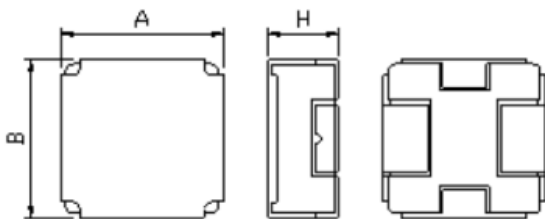
- ▶ High current and low profile.
- ▶ Metal powder molding type for EMC protection.
- ▶ Available tape and reel for auto insertion.



## Applications

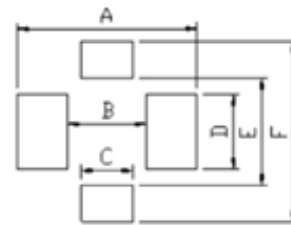
- ▶ For DC/DC converter (LED/OLED TV, TABLAT, DISPLAY, GRAPGIC CARD, NOTE PC, SETTOP, etc)
- ▶ Equipment using for automobiles (ECM, airbags, headlights, Electronic Powder steering, motors, ABS, other)

### Dimension (Unit:mm)



A	B	H
7.3±0.2	7.0±0.2	3.3Max

### Land Pattern (Unit:mm)



A	B	C	D	E	F
8.40	3.70	2.40	3.50	5.00	8.40

## Specifications

Part Number	Inductance (uH) ±20%	DCR(mohm) Max(Typ)	IDC1(A) Max(Typ)	IDC2(A) Max(Typ)	Test Frequency (Hz)
CMI-CMMPP7030MH-R15M	0.15	2(1.6)	38.00(40.00)	25.00(26.00)	1M
CMI-CMMPP7030MH-R47M	0.47	3.9(3.2)	30.00(32.00)	16.00(16.50)	1M
CMI-CMMPP7030MH-R82M	0.82	4.2(3.5)	19.00(21.00)	13.00(13.50)	1M
CMI-CMMPP7030MH-1R0M	1.0	7.0(5.9)	17.00(19.00)	11.50(12.00)	1M
CMI-CMMPP7030MH-2R2M	2.2	13.8(11.5)	12.00(13.80)	9.50(10.00)	1M
CMI-CMMPP7030MH-4R7M	4.7	23.4(19.5)	8.00(9.30)	7.00(7.20)	1M
CMI-CMMPP7030MH-6R8M	6.8	37.2(31)	6.50(7.20)	5.60(5.70)	1M
CMI-CMMPP7030MH-100M	10	60.6(50.5)	6.00(6.50)	4.60(4.70)	1M
CMI-CMMPP7030MH-150M	15	75(62.5)	5.00(5.80)	4.40(4.50)	1M
CMI-CMMPP7030MH-220M	22	1116.9(93)	3.90(4.30)	3.20(3.40)	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 ~ +165 °C

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- All specifications are subject to change without notice.
- Update date : 2016.08.26