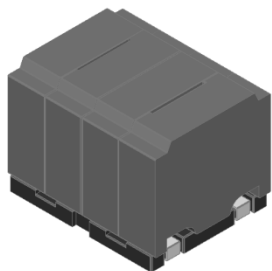


# CMI-CDAD1010H-SERIES



## Picture



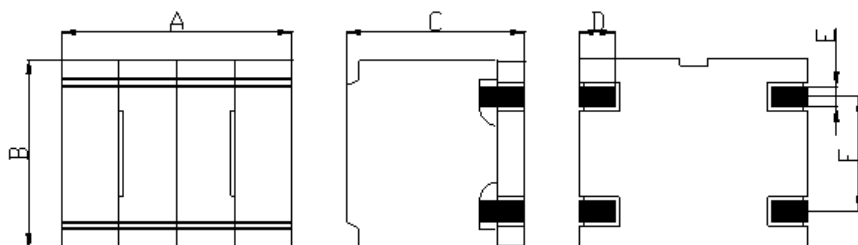
## Features

- ▶ Space reduction is realized by 2 in 1 construction
- ▶ Core gap moved from top to side for Improvement of mounting
- ▶ Compact size using flat wire
- ▶ High current, Low resistance
- ▶ AEC-Q200 qualified.
- ▶ Halogen-Free

## Applications

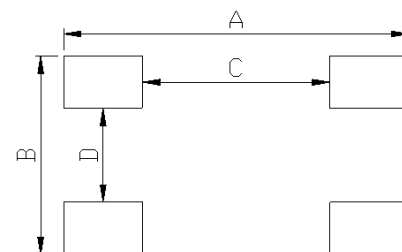
- ▶ Automotive (Car Audio, Car Navigation), Audio Visual (TV and Monitor, Mini component, AV amplifier, Amplifier for profes)

## Dimension (Unit:mm)



A	B	C	D	E	F
13.0±0.5	10.5±0.5	10.5Max	1.9±0.3	1.2 ref.	6.2±0.2

## Land Pattern (Unit:mm)



A	B	C	D
14	8.6	8.0	4.2

## Specifications

Part No.	Inductance (μH) ±20%	DCR (mΩ) Max.(Typ.)	Isat (A) Typ.	Irms (A) Typ.
CMI-CDAD1010H-3R3M	3.3	11.0(9.0)	12.00	5.10
CMI-CDAD1010H-8R2M	8.2	16.0(13.4)	7.20	4.40
CMI-CDAD1010H-100M	10	18.0(15.0)	7.10	4.20
CMI-CDAD1010H-120M	12	20.0(17.0)	6.00	4.00
CMI-CDAD1010H-150M	15	23.0(19.0)	5.30	3.80
CMI-CDAD1010H-220M	22	38.0(32.0)	4.30	3.00

- Operating Temperature Range(including self temperature) : -40 °c ~ +125 °c
- Test Frequency : 100kHz
- Isat : When based on the inductance change rate (approximately 25% below in tie initial value)
- Irms : A rise in temperature of core surface is within 40 °c

Ilisan Sales Office (KOREA) +82)31-904-1444  
 Shenzhen Sales Office (CHINA) +86)755-8663-6929  
 Hungary Sales office (EUROPE) +36)30-913-7706

H.K Sales Office (HONGKONG) +852)2711-5551  
 LA Sales Office (USA) +1)866-446-3586

▪ You can also contact us by e-mail : [coilmaster@coilmaster.com](mailto:coilmaster@coilmaster.com)

- All specifications are subject to change without notice.
- Update date : 2017.01.25

www.coilmaster.com