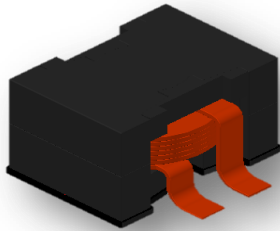


CMI-PQ2012-SERIES



Picture



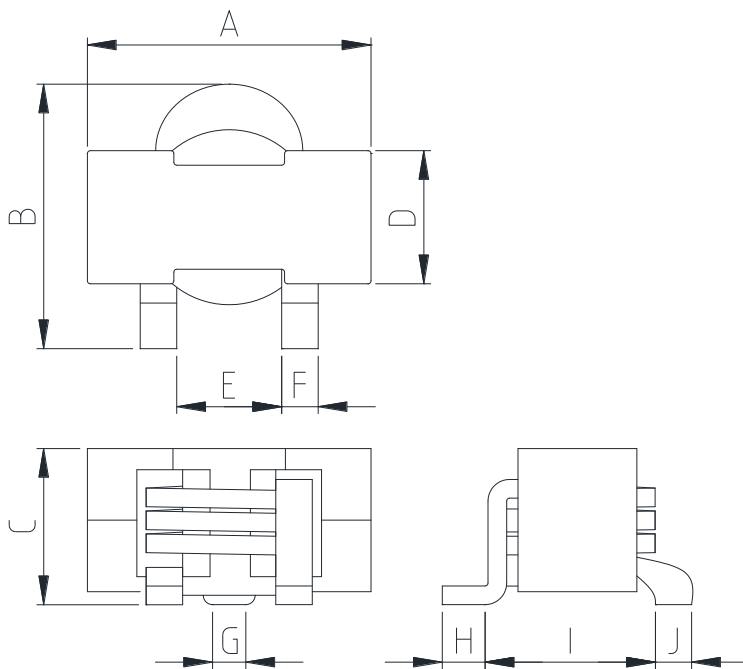
Features

- ▶ Magnetically shielded
- ▶ High current and low profile.
- ▶ Flat wire wound
- ▶ Extra solder pad for increased mechanical stability
- ▶ RoHS compliant
- ▶ Halogen Free

Applications

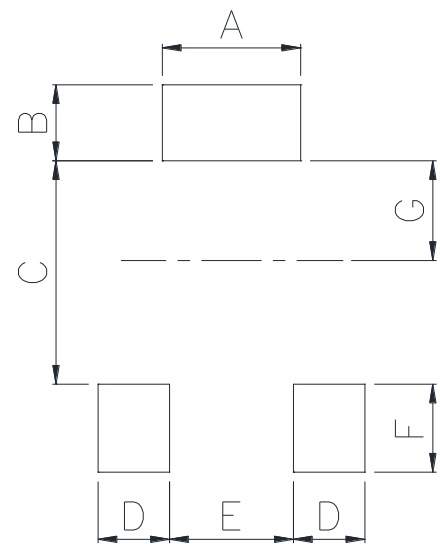
- ▶ For DC/DC converter (LED/OLED TV, Tablet, Display, Graphic, Note PC, Settop, etc)

Dimension (Unit:mm)



A	B	C	D	E
19.18±0.51	18.70±0.86	11.94 Max	9.27±0.51	7.90±0.38
F	G	H	I	J
2.54±0.076.	3.30 ref.	3.18 ref.	13.08±0.37	2.54 ref.

Land Pattern (Unit:mm)



A	B	C	D
7.37	4.06	11.94	3.81
E	F	G	
6.60	4.70	5.33	

- You can also contact us by e-mail : coilmaster@coilmaster.com
- All specifications are subject to change without notice.
- Update date : 2018.04.30

Specifications

Part No.	Inductance (μ H) $\pm 20\%$	DCR (m Ω) Max.(Typ.)	Isat (A)	Irms (A)		SRF (MHz) Typ.
			10% drop	20 °c rise	40 °c rise	
CMI-PQ2012-R60M	0.60	1.60(1.44)	97	25	35	115
CMI-PQ2012-R68M	0.68	1.60(1.44)	85	25	35	103
CMI-PQ2012-R80M	0.80	1.60(1.44)	75	25	35	91
CMI-PQ2012-R90M	0.90	1.60(1.44)	69	25	35	85
CMI-PQ2012-1R0M	1.00	1.60(1.44)	64	25	35	75
CMI-PQ2012-1R2M	1.20	1.60(1.44)	54	25	35	73
CMI-PQ2012-2R0M	2.00	1.60(1.44)	35	25	35	51

- Inductance measured at 100kHz, 0.1Vrms
- Isat1 : DC current at 25°C that causes a 10% (typ) inductance drop from its value without current.
- Irms : Current that causes the specified temperature rise from 25°C ambient. This information is for reference only and does not represent absolute maximum ratings.
- Ambient temperature -40°C to +85°C with (40°C rise) Irms current.
- Maximum part temperature +125°C (ambient + temp rise). Derating.
- Storage temperature Component: -40°C to +125°C.

IIsan 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

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