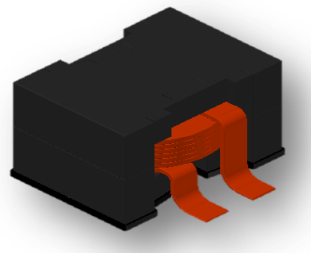
CMI-CPQ2013-SERIES

Picture



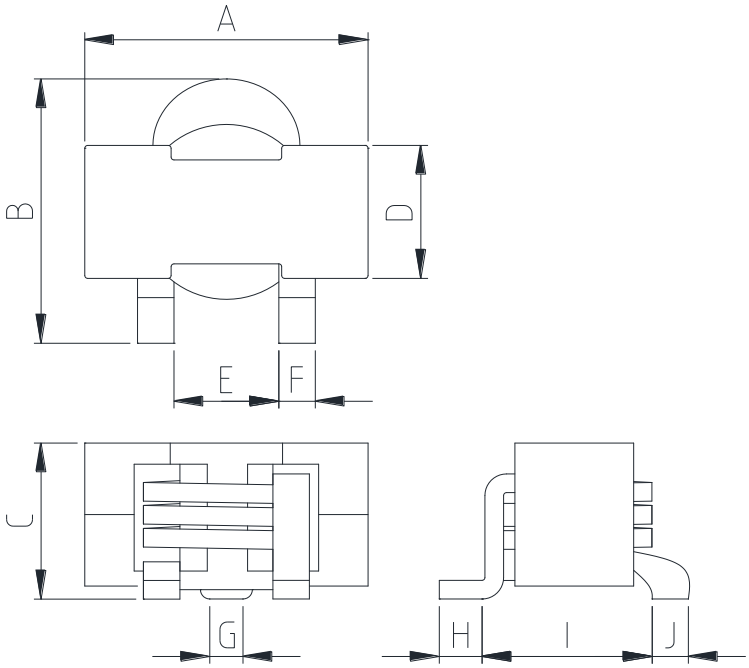
Features

- ► Magnetically shielded
- ► High current and low profile.
- ► Flat wire wound
- ► Extra solder pad for increased mechanical stability
- ► RoHS compliant
- ► AEC-Q200 qualified.

Applications

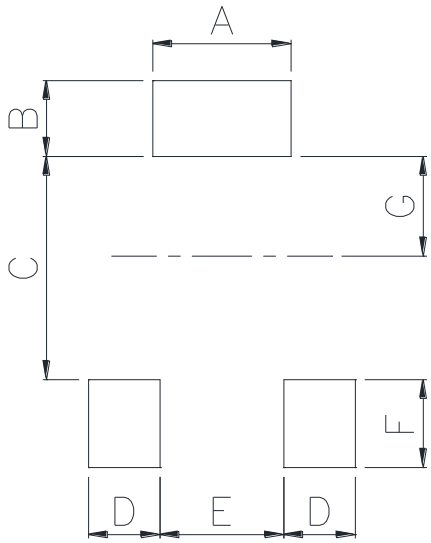
► Equipment using for automobiles (ECM, Airbags, Headlights, Electronic Power Steering, Motors, ABS, other)

Dimension (Unit:mm)



A	B	C	D	E
19.18±0.51	18.70±0.86	12.95 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 (μH) ±20%	DCR (mΩ) Max.(Typ.)	Isat (A)	Irms (A)		SRF (MHz) Typ.
			10% drop	20 ˚c rise	40 ˚c rise	
CMI-CPQ2013-R68M	0.68	1.82(1.70)	98	23	30	104
CMI-CPQ2013-R80M	0.80	1.82(1.70)	85	23	30	93
CMI-CPQ2013-R90M	0.90	1.82(1.70)	73	23	30	98
CMI-CPQ2013-1R0M	1.00	1.82(1.70)	68	23	30	98
CMI-CPQ2013-1R2M	1.20	1.82(1.70)	58	23	30	82
CMI-CPQ2013-2R0M	2.00	1.82(1.70)	40	23	30	61
CMI-CPQ2013-3R6M	3.6	1.82(1.70)	25	23	30	38
CMI-CPQ2013-4R0M	4.0	1.82(1.70)	20	23	30	35
CMI-CPQ2013-4R7M	4.7	1.82(1.70)	18	23	30	30

- 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.

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