

CMI-ASC1010-SERIES

Features

- ▶ High Q over a wide frequency range
- ▶ Tinned leads assure reliable soldering
- ▶ Standard EIA tape and reel packing
- ▶ Forms a flat top making them suitable for automatic placement and reflow.
- ▶ RoHS compliant/ Halogen Free.

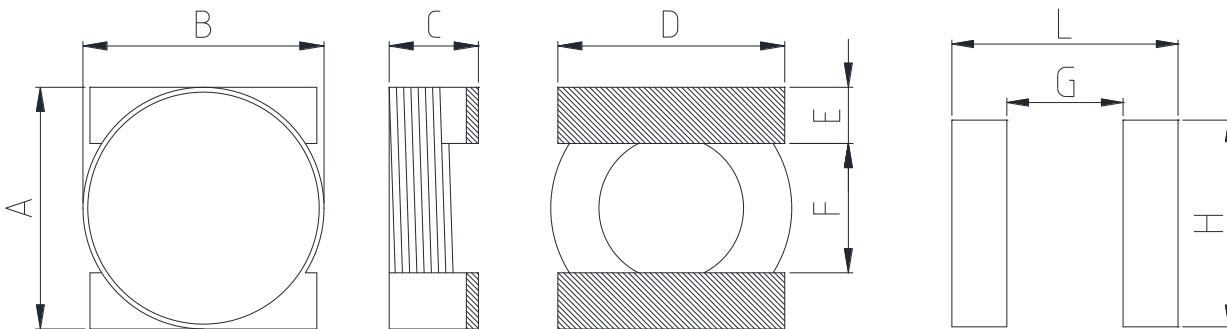


Applications

- ▶ Satellite communication systems, equipment (TV, STB, audio, etc)

Dimension (Unit:mm)

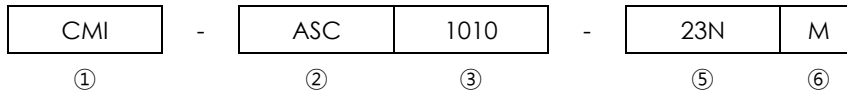
Land Pattern (Unit:mm)



A	B	C	D	E	L	G	H
10.0 Max	10.0 Max	3.6~6.1	8.55±0.25	1.75 ref.	10.45	5.37	9.53

- You can also contact us by e-mail : coilmaster@coilmaster.com
- All specifications are subject to change without notice.
- Update date : 2023.05.10

Regulation of part number



- ① CoilMaster's initial
- ② Series Name : Air core Spring Coil inductor
- ③ Core Size (unit:mm)
- ④ Typical inductance value (23 nH)
- ⑤ Inductance tolerance ($\pm 20\%$)

Specifications

Part Number	Heigh C size (mm) ± 0.1	Inductance (nH) $\pm 20\%$	Q Typ.	Q TEST Freq. (MHz)	SRF(MHz) Min.	DCR (mohm) Max.(Typ.)	Rated DC Current (A)Max.
ASC1010-23NM	3.60	23	95	100	923	1.20(1.05)	26.0
ASC1010-46NM	4.10	46	150	100	526	1.62(1.50)	25.5
ASC1010-79NM	4.80	79	135	50	386	2.11(1.95)	25.0
ASC1010-R11M	5.60	110	150	50	382	2.73(2.53)	22.0
ASC1010-R14M	6.10	140	140	50	433	3.33(3.08)	19.3

- Inductance measured at 1 MHz, 0.1 Vrms, 0 A
- Rated DC Current : Current that causes the specified temperature rise from 25°C ambient.
- Operating Temperature Range(including self temperature) : -40°C ~ +125 °C

Korea Sales Office (KOREA)	+82)31-904-1444	H.K Sales Office (HONGKONG)	+852)2711-5551
China Sales Office (CHINA)	+86)0758-683-1444	LA Sales Office (USA)	+1)714-616-6989
Hungary Sales office (EUROPE)	+36)1-404-5832		

- **You can also contact us by e-mail : coilmaster@coilmaster.com**
- All specifications are subject to change without notice.
- Update date : 2023.05.10