

CMI-ASC2014-SERIES

Features

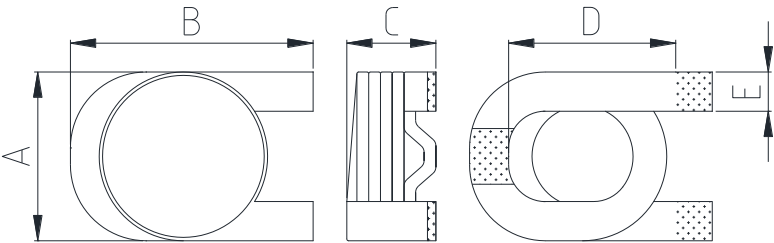
- ▶ High Q over a wide frequency range
- ▶ Tinned leads assure reliable soldering
- ▶ Standard EIA tape and reel packing
- ▶ Forms a flat top making them suitable for automatic placement and reflow.
- ▶ RoHS compliant/ Halogen Free.



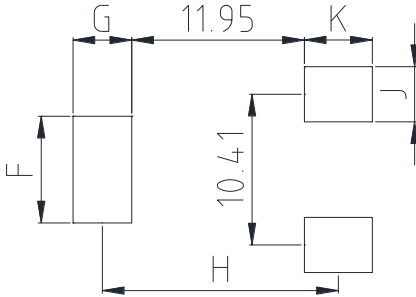
Applications

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

Dimension (Unit:mm)



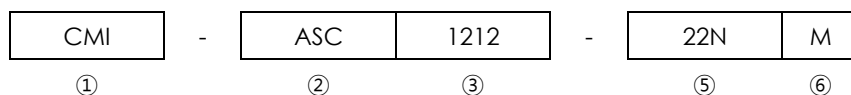
Land Pattern (Unit:mm)



A	B	C	D	E	F	G	H	J	K
13.6 Max	19.56 Max	5.99~11.4	16.08 ref.	2.54 ref.	7.37	4.06	16.33	3.81	4.70

▪ 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 (22 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.
ASC1212-22NM	6.60	22	200	100	918	0.55(0.48)	57.0
ASC1212-42NM	7.60	42	195	50	557	0.77(0.70)	52.0
ASC1212-66NM	8.80	66	200	50	480	0.99(0.90)	48.0
ASC1212-90NM	10.40	90	175	50	444	1.21(1.10)	45.0
ASC1212-R11M	11.30	110	165	50	399	1.43(1.30)	44.0

- 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

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