

CMI-ASC1212-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.

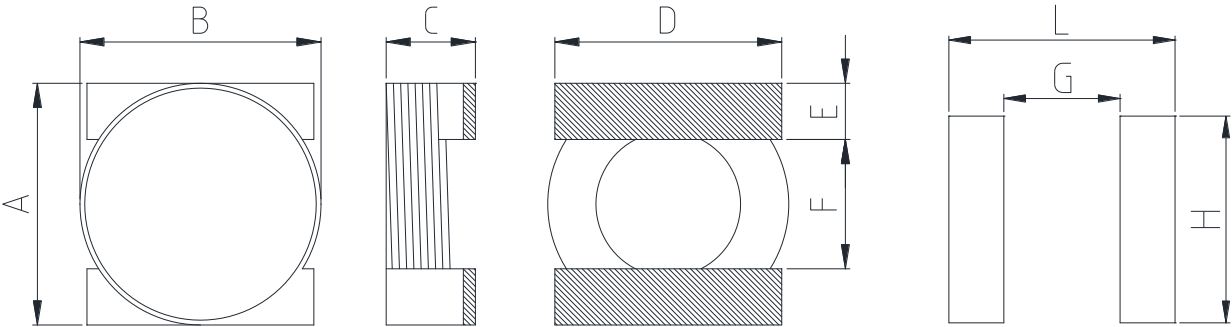


Applications

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

Dimension (Unit:mm)

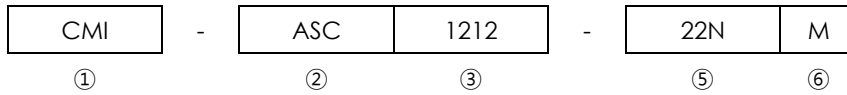
Land Pattern (Unit:mm)



| A | B | C | D | E | L | G | H |
|----------|----------|----------|-----------|-----------|-------|------|-------|
| 11.5 Max | 12.0 Max | 6.6~11.3 | 9.07±1.02 | 2.54 ref. | 12.14 | 5.54 | 10.34 |

• 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 (±20%)

Specifications

| Part Number | Heigh C size (mm) ±0.1 | Inductance (nH) ±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 |
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- 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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|-------------------------------|-------------------|-----------------------------|-----------------|
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