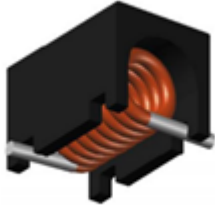


# CMI-SC0703-SERIES

### Features

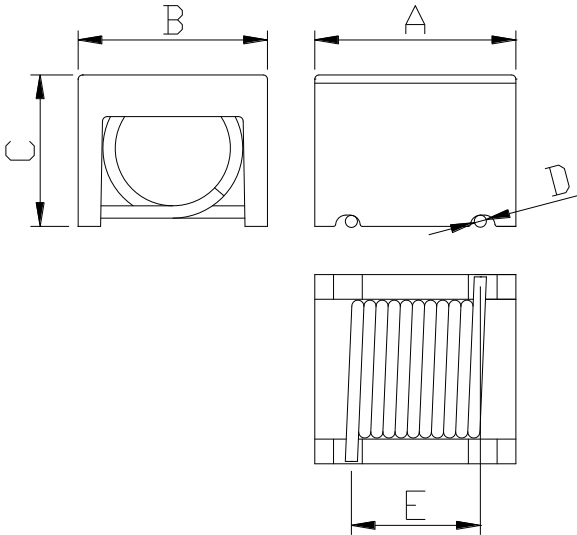
- ▶ Tinned leads assure reliable soldering
- ▶ Standard EIA tape and reel packing
- ▶ Forms a flat top making them suitable for automatic placement and reflow.
- ▶ RoHS compliant/ Halogen Free.



### Applications

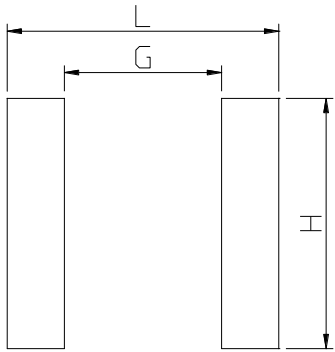
- ▶ Satellite communication systems, equipment (TV, STB, audio, etc)

Dimension (Unit:mm)



A	B	C	D	E
6.5±0.2	4.9±0.2	4.25±0.2	Φ0.32	4.6±0.2

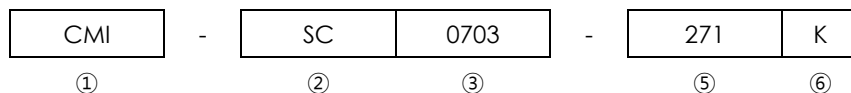
Land Pattern (Unit:mm)



L	G	H
5.0	4.0	5.3

• You can also contact us by e-mail : [coilmaster@coilmaster.com](mailto: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 : Spring Coil inductor
- ③ Core Size (unit:mm)
- ④ Typical inductance value (270 nH)
- ⑤ Inductance tolerance ( $\pm 10\%$ )

## Specifications

Part Number	Inductance (nH) $\pm 10\%$	DCR (mohm) Max.	SRF(MHz) Min.	Rated DC Current(A) Max.
CMI-SC0703-271K	270	39.5	500	3.6

- Rated DC Current : current that cause a 20 °c temperature rise form 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](mailto:coilmaster@coilmaster.com)**
- All specifications are subject to change without notice.
- Update date : 2023.05.10