

# CMI-CTLF3225V-SERIES

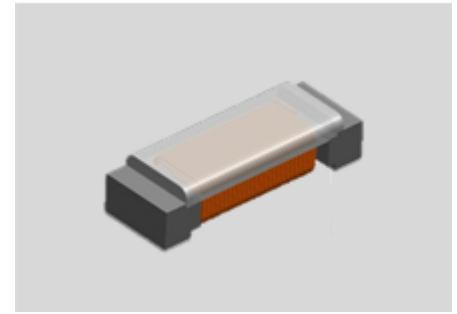


## Features

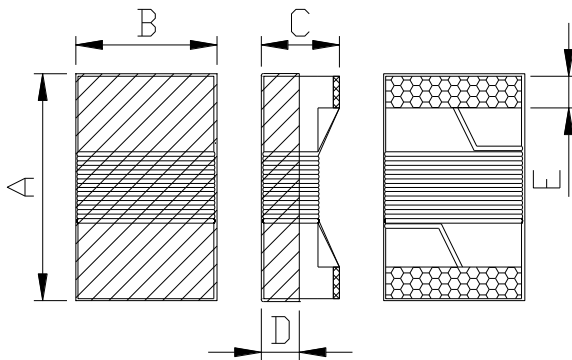
- ▶ Hearing Aid Compatibility/Telecoil-antennas
- ▶ Realizes small size and low profile
- ▶ 100% Lead(Pb) & Halogen-Free and RoHS compliant.
- ▶ High reliability -Reliability test meet AEC-Q200

## Applications

- ▶ Decoupling in RF and IF-circuit/Transponder antenna

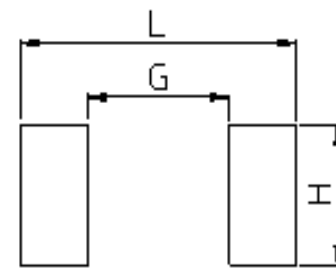


Dimension (Unit:mm)



| A        | B        | C        | D       | E        |
|----------|----------|----------|---------|----------|
| 3.6 Max. | 2.8 Max. | 2.6 Max. | 0.8 ref | 0.55±0.1 |

Land Pattern (Unit:mm)



| L    | G    | H    |
|------|------|------|
| 3.82 | 1.78 | 2.80 |

## Specifications

| Part Number        | Inductance (uH) | Tolerance (±) | SRF MHz(min.) | DCR(Ω) Max. | IDC1(mA) Max. |
|--------------------|-----------------|---------------|---------------|-------------|---------------|
| CMI-CTLF3225V-102J | 1080            | 5%            | 1.5           | 35          | 50            |
| CMI-CTLF3225V-132J | 1340            | 5%            | 1.5           | 42          | 50            |
|                    |                 |               |               |             |               |
|                    |                 |               |               |             |               |
|                    |                 |               |               |             |               |
|                    |                 |               |               |             |               |

- Inductance Tested at 125kHz, 1Vrms(20 °c)
- IDC1: When based on the inductance change rate (approximately 30% below in the initial value)
- Operating Temperature Range(including self temperature) : -40°c ~ +125 °c

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- All specifications are subject to change without notice.
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