MCI Series

High Frequency Chip Inductor(Lead Free)
Size 1005

FEATURES

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- Shapes and dimensions follow E.I.A. spec.
- Available in various sizes.
- Excellent solderability and heat resistance.
- High SRF up to 6GHz and above.
-
  lead-free soldering.
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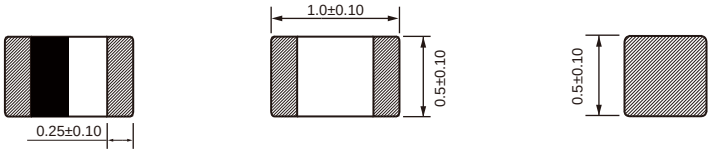
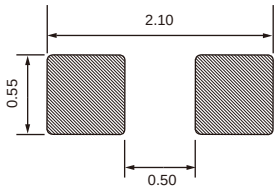
APPLICATION

- High frequency circuits
- Bluetooth
- Wireless LAN
- Filter circuits
- Oscillators

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	Inductance @100MHz (nH)	Tolerance	Q@100MHz		Temperature Rise Current Max. (mA)	DCR Max. (Ω)	SRF Min. (MHz)
			Normal Value	Min.			

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Part No		Tolerance	Q@100MHz			DCR Max. (Ω)	SRF Min. (MHz)
			Normal Value	Min.			

℃

℃ max.

Typical Electrical Characteristics:

Inductance VS. Frequency Characteristics:

INDUCTANCE(nH)

1

10

FREQUENCY(MHz)

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