



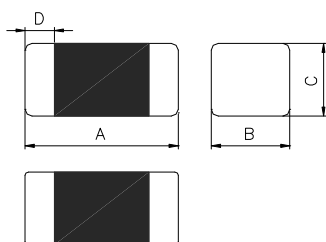
# Ferrite Chip Inductor(Lead Free) FCI1608F-2R2K

## 1.Features

1. Monolithic inorganic material construction.
2. Closed magnetic circuit avoids crosstalk.
3. S.M.T. type.
4. Suitable for reflow soldering.
5. Shapes and dimensions follow E.I.A. spec.
6. Available in various sizes.
7. Excellent solderability and heat resistance.
8. High reliability.
9. 100% Lead(Pb) & Halogen-Free and RoHS compliant.



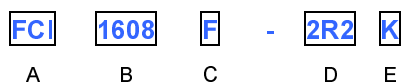
## 2. Dimensions



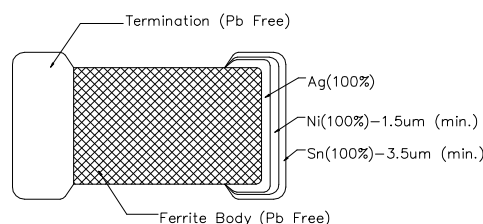
Chip Size	
A	1.60±0.15
B	0.80±0.15
C	0.80±0.15
D	0.30±0.20

Units: mm

## 3. Part Numbering



- A: Series
- B: Dimension L x W
- C: Material Lead Free Material
- D: Inductance 2R2=2.2uH
- E: Inductance Tolerance K=±10%, L=±15%, M=±20%

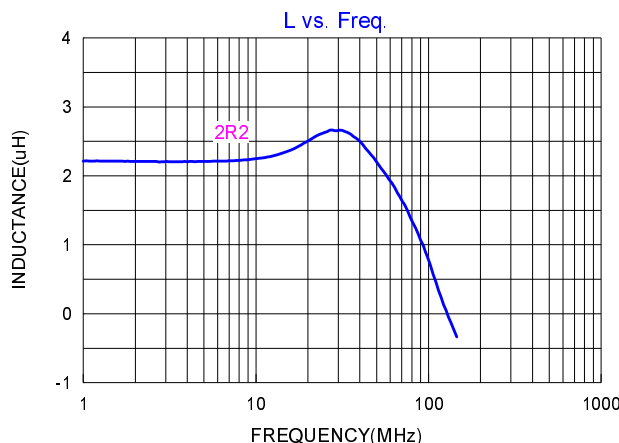


## 4.Specification

Tai-Tech Part Number	Inductance(uH)		Q		Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
	Tolerance	Test Frequency (Hz)	min.	Test Frequency (MHz)			
FCI1608F-2R2K	2.2±10%	60mV / 10M	30	10	15	1.15	45

- Rated current: based on temperature rise test
- In compliance with EIA 595

### ■ Inductance-Frequency Characteristics



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