



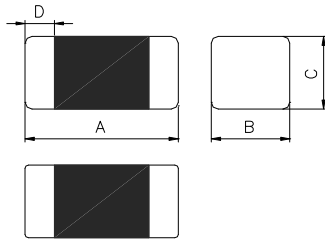
**Ferrite Chip Inductor(Lead Free)** FCI2012F-100K

**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 solder ability and heat resistance.
8. High reliability.
- 9.100% Lead(Pb) & Halogen-Free and RoHS compliant.



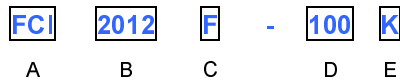
**2. Dimensions**



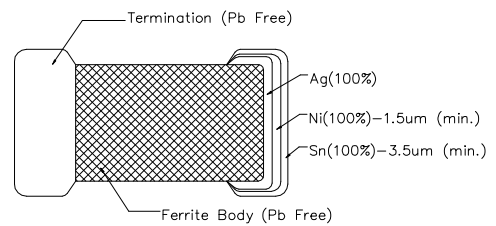
Chip Size	
A	2.00±0.20
B	1.25±0.20
C	1.25±0.20
D	0.50±0.30

Units: mm

**3. Part Numbering**



- A: Series
- B: Dimension L x W
- C: Material Lead Free Material
- D: Inductance 100=10.0uH
- E: Inductance Tolerance K=±10%, 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)			
FCI2012F-100K	10.0±10%	60mV / 2M	45	2	15	1.15	24

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

■ Inductance-Frequency Characteristics

