

# Specification for Approval

Date: 2017/8/8



Certificate  
of  
Green Partner

Customer : 盛泰

TAI-TECH P/N: FCI2012F-100K

CUSTOMER P/N:

DESCRIPTION:

QUANTITY: \_\_\_\_\_ pcs

REMARK:		
Customer Approval Feedback		

西北臺慶科技股份有限公司  
**TAI-TECH Advanced Electronics Co., Ltd**

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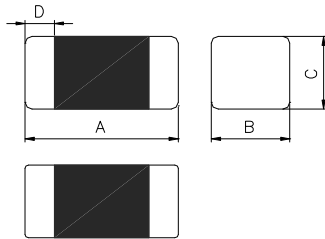
**Ferrite Chip Inductor(Lead Free)** FCI2012F-100K

**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.



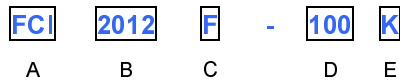
**2. Dimensions**



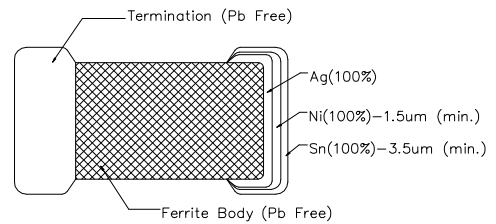
Chip Size	
A	2.00±0.20
B	1.25±0.20
C	1.25±0.20
D	0.50±0.30

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

