

**Ferrite Chip Bead(Lead Free)**

FCM2012KF-601T05

<b>ECN HISTORY LIST</b>					
REV	DATE	DESCRIPTION	APPROVED	CHECKED	DRAWN
1.0	13/06/06	變更可靠度條件	楊祥忠	羅培君	張嘉玲
2.0	14/01/24	變更電鍍錫層厚度 3.0um min.=>3.5um min.	楊祥忠	羅培君	張嘉玲
3.0	14/08/01	變更 Reflow 圖示	楊祥忠	羅培君	張嘉玲
3.1	14/08/01	修正包裝帶尺寸	楊祥忠	羅培君	張嘉玲
4.0	16/01/26	增訂可靠度 Thermal shock: (Bead) Step3 : 125±2℃ 30±5min	楊祥忠	詹偉特	張嘉玲
5.0	17/02/16	修訂 Recommended PC Board Pattern	楊祥忠	詹偉特	張嘉玲
備 註					

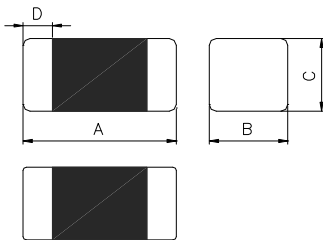
**Ferrite Chip Bead(Lead Free)** FCM2012KF-601T05

**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**



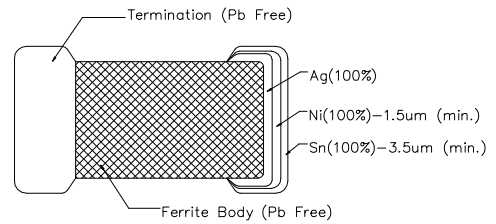
Chip Size	
A	2.00±0.20
B	1.25±0.20
C	0.85±0.20
D	0.50±0.30

Units: mm

**3.Part Numbering**



- A: Series
- B: Dimension L x W
- C: Material **Lead Free Material**
- D: Impedance **601=600Ω**
- E: Packaging **T=Taping and Reel, B=Bulk(Bags)**
- F: Rated Current **05=500mA**

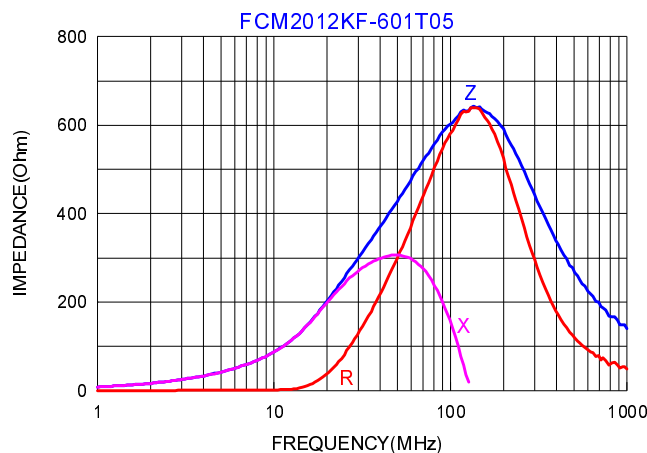


**4.Specification**

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (Hz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM2012KF-601T05	600±25%	60mV/100M	0.40	500

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

■ Impedance-Frequency Characteristics



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