

Specification for Approval

Date: 2017/8/8

Certificate of Green Partner
Customer : 盛泰
TAI-TECH P/N: FCM1005KF-601T01
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

西北臺慶科技股份有限公司
 TAI-TECH Advanced Electronics Co., Ltd
 Headquarter:
 NO.1 YOU 4TH ROAD, YOUTH INDUSTRIAL DISTRICT, YANG-MEI,
 TAO-YUAN HSIEN, TAIWAN, R.O.C.
 TEL: +886-3-4641148 FAX: +886-3-4643565
 http://www.tai-tech.com.tw
 E-mail: sales@tai-tech.com.tw

Office:
 深圳辦公室
 11BC, Building B Fortune Plaza, NO.7002, Shennan Avenue, Futian
 District Shenzhen
 TEL: +86-755-23972371 FAX: +86-755-23972340

臺慶精密電子(昆山)有限公司
 TAI-TECH ADVANCED ELECTRONICS (KUNSHAN) CO., LTD
 SHINWHA ROAD, KUNJIA HI-TECH INDUSTRIAL PARK, KUN-SHAN,
 JIANG-SU, CHINA
 TEL: +86-512-57619396 FAX: +86-512-57619688
 E-mail: sales@tai-tech.cn

慶邦電子元件(泗洪)有限公司
 TAIPAQ ELECTRONICS (SIHONG) CO., LTD
 JIN SHA JIANG ROAD, CONOMIC DEVELOPMENT ZONE SIHONG,
 JIANGSU, CHINA.
 TEL: +86-527-88601191 FAX: +86-527-88601190
 E-mail: sales@taipaq.cn

Sales Dep.

APPROVED	CHECKED
黃農樺 Eddy Huang	黃農樺 Eddy Huang

R&D Center

APPROVED	CHECKED	DRAWN
楊祥忠 Mike Yang	詹偉特 Jack Chan	張嘉玲 Alin Chang

Ferrite Chip Bead(Lead Free)	FCM1005KF-601T01
-------------------------------------	------------------

ECN HISTORY LIST					
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	14/03/20	修正包裝帶圖示	楊祥忠	羅培君	張嘉玲
4.0	14/08/01	變更 Reflow 圖示	楊祥忠	羅培君	張嘉玲
4.1	14/08/01	修正包裝帶尺寸	楊祥忠	羅培君	張嘉玲
5.0	16/01/26	增訂可靠度 Thermal shock: (Bead) Step3 : 125±2°C 30±5min	楊祥忠	詹偉特	張嘉玲
6.0	17/02/16	修訂 Recommended PC Board Pattern	楊祥忠	詹偉特	張嘉玲
備 註					

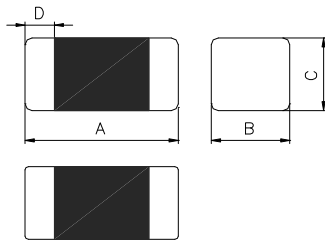
Ferrite Chip Bead(Lead Free) FCM1005KF-601T01

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



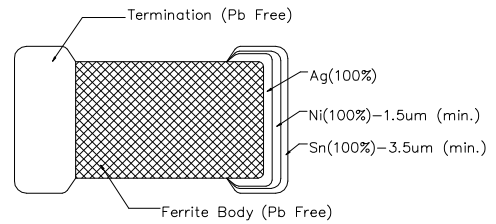
Chip Size	
A	1.00±0.10
B	0.50±0.10
C	0.50±0.10
D	0.25±0.10

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 01=100mA



4.Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (Hz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM1005KF-601T01	600±25%	60mV/100M	0.80	100

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

■ Impedance-Frequency Characteristics

