HC-49U PRODUCT SPECIFICATIONS

***DATE:** 2003/8/7 ***FILE NUMBER:** P. 1/2

I. PART NUMBER: **6A13500337** **VER:** C

II. OPERATION CHARACTERISTICS

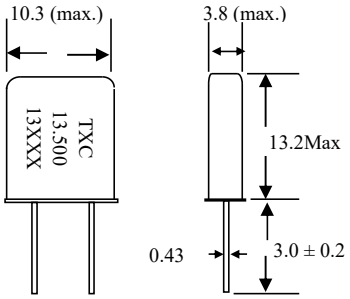
* 1. NORMINAL FREQUENCY: 13.500000 MHZ
* 2. MODE OF VIBRATION: ■ FUND □ 3rd □ 5TH
* 3. LOAD CAPACITANCE (CL): 13 pF
* 4. EFFECTIVE SERIES RESISTANCE: 15 Ω(MAX)
* 5. SHUNT CAPACITANCE (C0): **6.5** pF MAX. or pF pF
* 6. CALIBRATION TOL. (25℃): ± 20 ppm
* 7. OPERATION TEMP. RANGE: 0 ℃～ + 70 ℃
* 8. STABILITY OVER OPERATION TEMP. RANGE: ± 20 ppm(MAX.)
* 9. DRIVE LEVEL: 1 uW(MAX.)
10. INSULATION RESISTANCE: 500MΩMin. at DC 100V.

III. OTHER:

11. UNWANTED MODES: SPDB>6dB (+/-5000ppm)
12. LONG TERM STABILITY :± 3ppm / Year
*13. MOTIONAL CAPACITANCE(CM): fF
*14.C0/CM:
15.OTHERS:
剪腳腳長=3.0+/-0.2mm
Pullability:12pF~27pF= 350 ppm +/-30ppm
200pcs粉紅色抗靜電袋裝

FDLD & DLD2<5 (0.1uW,1uW,50uW,100uW,500uW,1000uW)

IV. MARKING: UNIT: mm



V. PACKING METHOD :

1. PACKING: □ TRAY (TXC STANDARD, White color) □ TRAY (Antistatic Material,___ Color)
□ TAPING ON REEL □ TAPING (AMMO PACKING)
■ ANTISTATIC BAG (PINK Color), 200 Pcs/Bag.
□ ZIPPER PLASTIC BAG (____ Color),_____Pcs/Bag. □ OTHERS : _____

2. INNER BOX : ■ TXC STANDARD □ OTHERS

VI. RELIABILITY SPECIFICATIONS:(OTHERS REFER TO TXC QA SPEC.)

1. HERMETIC SEAL:LESS THAN 1×10^{-8} atm cc/sec.
2. MARKING PERMANENCY : Per MIL-STD-202,Method 215.
3. DROP TEST: Free dropping 3times, at 50cm height, drop on 3cm hard wood.
4. SOLDERABILITY: 95% coverage by using 63/37 solder at 245℃ for 5 sec. dipping.
after immersion in Alpha 611 flux for 5sec.

***REMARK: *** □ NO MARKING ■ MARKING

REVISION AND ENGINEERING CHANGE RECORDS

Ver.	Description of Change	Date	Approved	Check	Present
A	INITIAL RELEASED	2002/10/23			
B	MODIFY SPEC.	2003/6/10			
C	ADD DLD SPEC.	2003/8/7	JOSEPH	SIMON	柯淑貞