HC-49U PRODUCT SPECIFICATIONS

***DATE:** 2003/5/30 ***FILE NUMBER:** P. 1/2

I. PART NUMBER: **6A25000093** **VER:** A

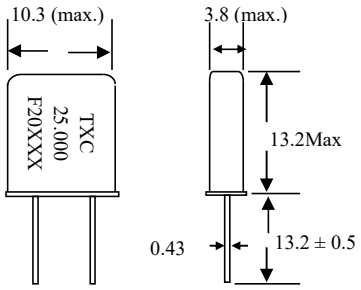
II. OPERATION CHARACTERISTICS

* 1. NORMINAL FREQUENCY: 25.000000 MHZ
* 2. MODE OF VIBRATION: ■ FUND ☐ 3rd ☐ 5TH
* 3. LOAD CAPACITANCE (CL): 20 pF
* 4. EFFECTIVE SERIES RESISTANCE: 20 Ω (MAX)
* 5. SHUNT CAPACITANCE (C0): 5 pF MAX. or pF to pF
* 6. CALIBRATION TOL. (25℃): ± 30 ppm
* 7. OPERATION TEMP. RANGE: -20 ℃～ + 70 ℃
* 8. STABILITY OVER OPERATION TEMP. RANGE: ± 30 ppm(MAX.)
* 9. DRIVE LEVEL: 1 uW(MAX.)
10. INSULATION RESISTANCE: 500M Ω Min. at DC 100V.

III. OTHER:

11. UNWANTED MODES: N/A
12. LONG TERM STABILITY :± 3ppm / Year
*13. MOTIONAL CAPACITANCE(CM): fF Min
*14.C0/CM:
15.OTHERS:

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 (____ Color),_____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
AA	INITIAL RELEASED	2001/6/21			
A	MODIFY SPEC.	2003/5/30			
			JOSEPH	王宣慶	柯淑貞