HC-49U PRODUCT SPECIFICATIONS

***DATE:** 2005/1/20 ***FILE NUMBER:**

I. PART NUMBER: 9A24000286 **VER:** A

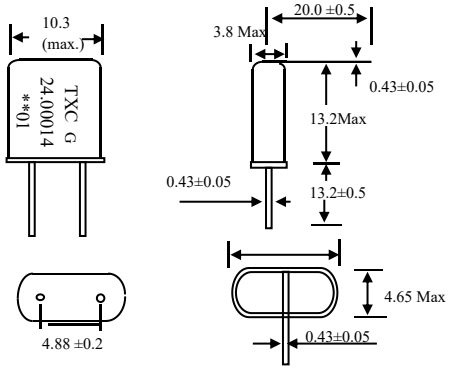
II. OPERATION CHARACTERISTICS

* 1. NORMINAL FREQUENCY: 24.000140 MHZ
* 2. MODE OF VIBRATION: ■ FUND □ 3rd □ 5TH
* 3. LOAD CAPACITANCE (CL): 18 pF
* 4. EFFECTIVE SERIES RESISTANCE: 20 Ω(MAX)
* 5. SHUNT CAPACITANCE (C0): 5 pF MAX. or pF to pF
* 6. CALIBRATION TOL. (25℃): ± 20 ppm
* 7. OPERATION TEMP. RANGE: -20 ℃～ + 70 ℃
* 8. STABILITY OVER OPERATON TEMP. RANGE: ± 30 ppm(MAX.)
* 9. DRIVE LEVEL: 1 uW(MAX.)
10. INSULATION RESISTANCE: 500MΩMin. 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:
TOP WIRE=20mm+/-0.5mm
DLD2&FDLD2<10ppm/Ohms(0.1,1,10,50,100uW)
*符合RoHS要求,且無鉛製程 (Pb <40ppm)
SPUR<-3 dB (+/-5000ppm)

IV. MARKING: UNIT: mm



V. PACKING METHOD :

1. PACKING: ■ TRAY (TXC STANDARD, clear 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
第一 " * " =>製造廠代碼
第二 " * " =>日期代碼

REVISION AND ENGINEERING CHANGE RECORDS

Ver.	Description of Change	Date	Approved	Check	Present
A	INITIAL RELEASED	2005/1/20			
B					
C			TON KSIEH	王宣慶	柯淑貞