TXC CORPORATION

HC-49S PRODUCT SPECIFICATIONS

樣品

***DATE:** 2005/2/3 ***FILE NUMBER:** 1/3

I. PART NUMBER: N/A **VER:** A

II. OPERATION CHARACTERISTICS

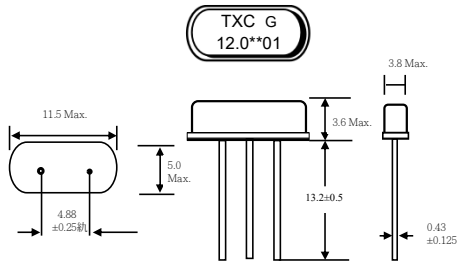
* 1. NORMINAL FREQUENCY: 12.000000 MHZ
* 2. MODE OF VIBRATION: ■ FUND ☐ 3rd ☐ 5TH
* 3. LOAD CAPACITANCE (CL): 15 pF
* 4. EFFECTIVE SERIES RESISTANCE: 30 Ω (MAX)
* 5. SHUNT CAPACITANCE (C0): 7 pF MAX. or pF to pF
* 6. CALIBRATION TOL. (25℃): ± 20 ppm
* 7. OPERATION TEMP. RANGE: -20 ℃～ + 70 ℃
* 8. STABILITY OVER OPERATON TEMP. RANGE: ± 30 ppm(MAX.)
* 9. DRIVE LEVEL: 1 uW(MAX.)
10. INSULATION RESISTANCE: 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:

***符合RoHS要求,且無鉛製程 (Pb <40ppm)**
***成品為三支角**
***DLD2&FDLD(0.1~100uW) < 10 Ohms/ppm**

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 (Clear), 200 Pcs/Bag, 5 Bag/Box ☐ 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
TXC G 第一 " * " =>製造廠代碼
12.0**01 第二 " * " =>日期代碼

REVISION AND ENGINEERING CHANGE RECORDS

Ver.	Description of Change	Date	Approved	Check	Present
A	INITIAL RELEASED	2005/2/3			
B					
C			TON	王宣慶	柯淑貞