

P/N: WTL3X80400MC

SMD PACKAGE FOR TUNING FORK 32.768KHz



深圳市维拓精电科技有限公司 WTL International Limited

APPROVAL SHEET

DESCRIPTION :	3.8*8.0mm SMD Tuning Fork crystal			
NOMINAL FREQ.:	32.768KHz			
WTL P/N:	WTL3X80400MC			
REVISION:	0			
DATE:	2021.07.01			
Customer	Customer P/N			
IBS	/			
Customer Signature	WTL			
	Approved by: <i>Kavin Liu</i>			
	Checked by: <i>Shu Ping</i>			
	Issued by: <i>Shengbiao</i>			
REVISION HISTORY				
Revised Page	Revision Content	Date	Ref. No.	Reviser



1. FEATURE

- Wide Frequency range
- Small size
- Tape & Reel
- Reflow available



2. APPLICATIONS

- Microprocessor Systems
- Consumer Electronics

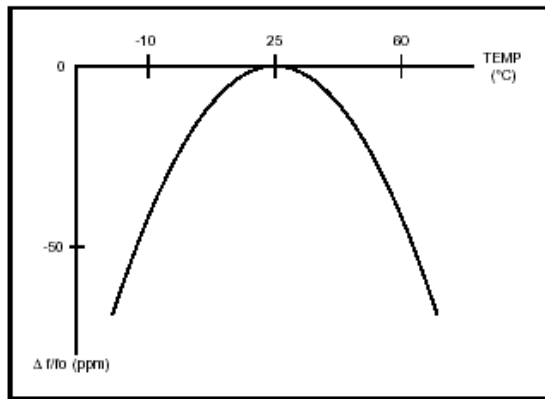


3. ELECTRICAL SPECIFICATIONS

Frequency	32.768KHz
Frequency Tolerance (at 25°C)	±10ppm
ESR	40Kohm Max
Turnover Temperature	25 ± 5°C
Frequency Temperature Curve	-0.034(±0.006)ppm/°C ²
Storage Temperature Range	-55 °C to +125 °C
Operable Temperature Range	-40 °C to + 85 °C
Shunt Capacitance (C ₀)	2.0pF Typ
Driver Level (Typical)	1 μW Max
Load Capacitance(C _L)	12.5pF
Aging @25°C 1 st year (Max)	±3ppm/year

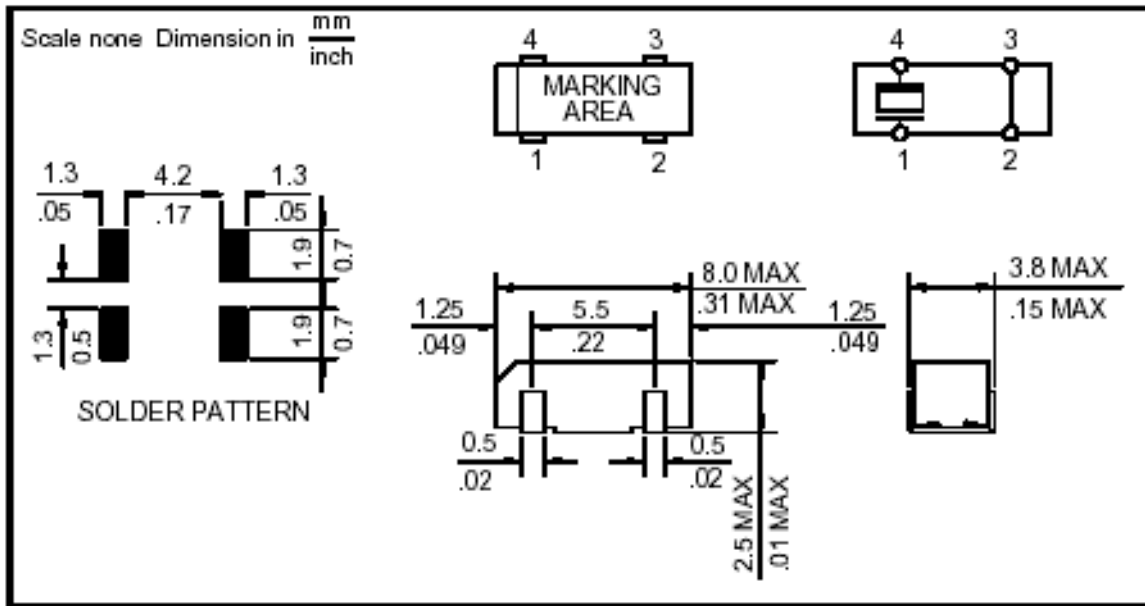
REMARK: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. PLEASE CONFIRM WITH OUR SALES ENGINEER.

4. Frequency VS Temperature Curve

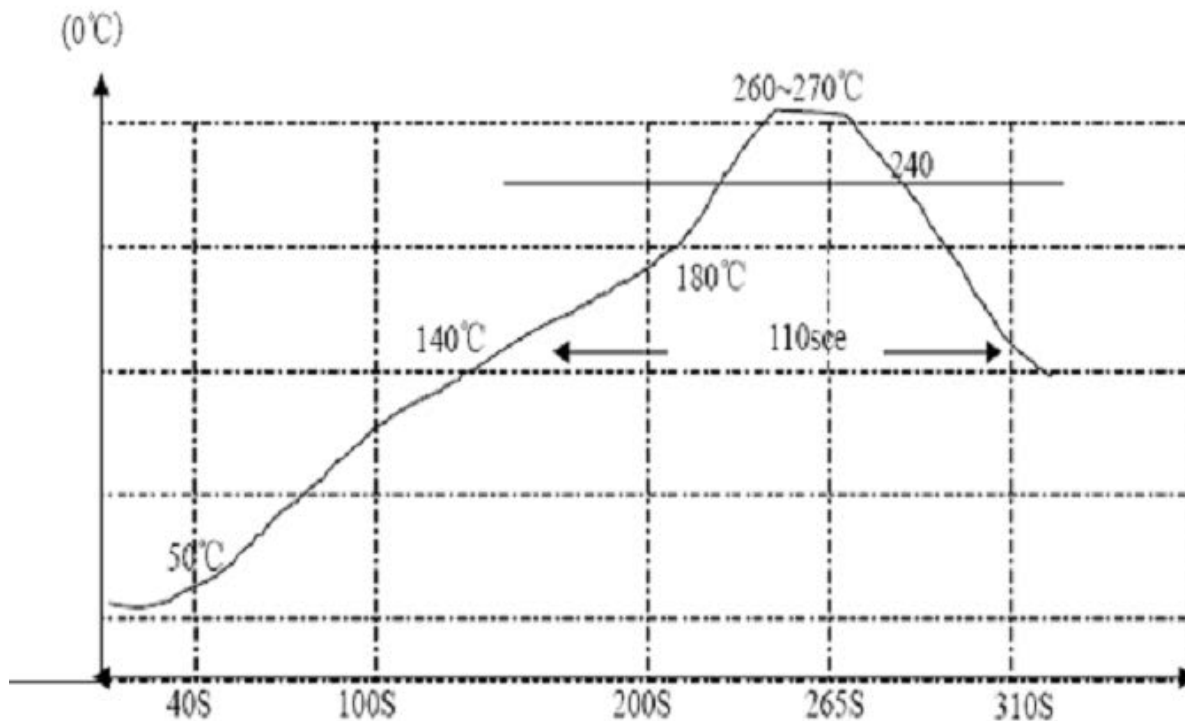


5. PACKING AND DIMENSIONS

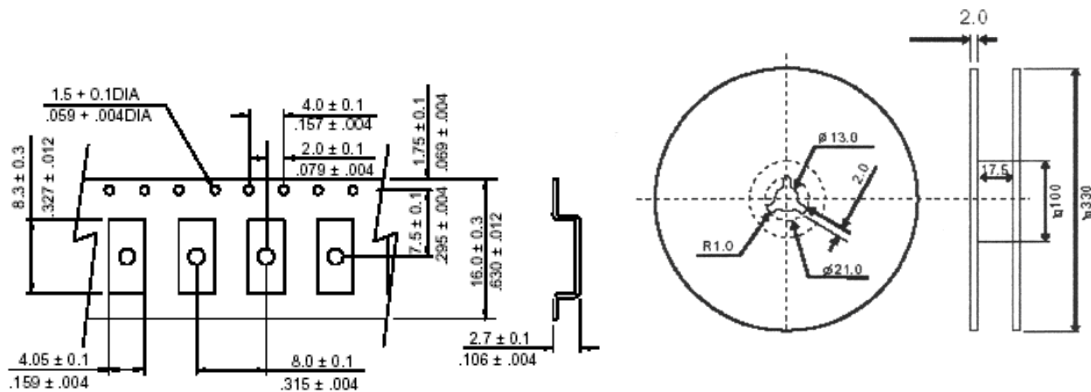
(Unit: mm)



6. Reflow Soldering Profile



7.Packing (Tape & Reel)



8.WTL PART NUMBER SYSTEM :

For example: WTL3X66047LL

[Instructions: for project management, WTL will trace back the part number to developer wherever it goes]

WTL - 3X - 66047 - LL

WTL: Brand

3X : Package Code

66047: Serial number , flow code , without any rules

LL: WTL Developer Code, for example: VH,CH,PZ,RZ,ML