


Travelling Merchant: _____

DATASHEET

Standard: T75B-E319-32.768MHz

Plot			The Label
Drew	Audited	Approved	 Stamp, please! Thanks!
Date: 2009-11-03			

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The parameter of product

Model: T75B-E319-32.768MHz

1. Output

- 1.1. Frequency 32.768MHz
- 1.2. Waveform HCMOS
Voh≥2.7V,Vol≤0.4V
- 1.3. Duty cycle 45%~55% @50%
- 1.4. Rise/Fall time(10%~90%) ≤5ns
- 1.5. Load 15pF

2. Frequency Stability

- 2.1. Temperature stability ≤±1.0x10⁻⁶ @-20°C ~ +70°C , @25°C
- 2.2. Initial frequency ≤±1.0x10⁻⁶ @25°C
- 2.3. Aging ≤±2.0x10⁻⁸ / day
≤±1.0x10⁻⁶ / First year

3. Voltage

- 3.1. Supply Voltage 3.3V (unalterable)



4. Current

- 4.1. Operation current 4mA (Typical) @25°C

5. Phase noise (Typical)

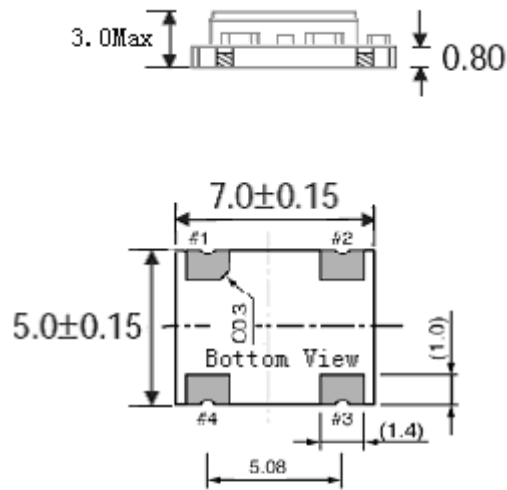
- 5.1. 1KHz -130dBc/Hz

6. Environmental conditions

- 6.1. Operation temperature -20°C ~ +70°C
- 6.2. Storage temperature -40°C ~ +85°C
- 6.3. Vibration Test Condition: 0.75mm ;acceleration:10g;50Hz~2000Hz, one cycle per 30 min, test 2 hour. (3 times for each 3 directions X , Y , Z)
- 6.4. Shock 100g; 11ms; half sine wave (3 times for each 3 directions X , Y, Z),IEC 68- everity 50A.
- 6.5. Drop Test Condition: free drop o  surface or rigid planes from a height of 100cm,IEC 68-2-32.



7. Mechanical



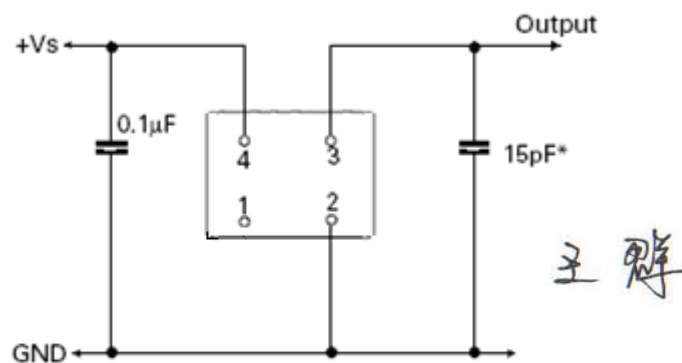
Pin Connections

#1	NC
#2	GND
#3	Output
#4	Vcc

Note: Referential Weight 0.3g

Unit : mm

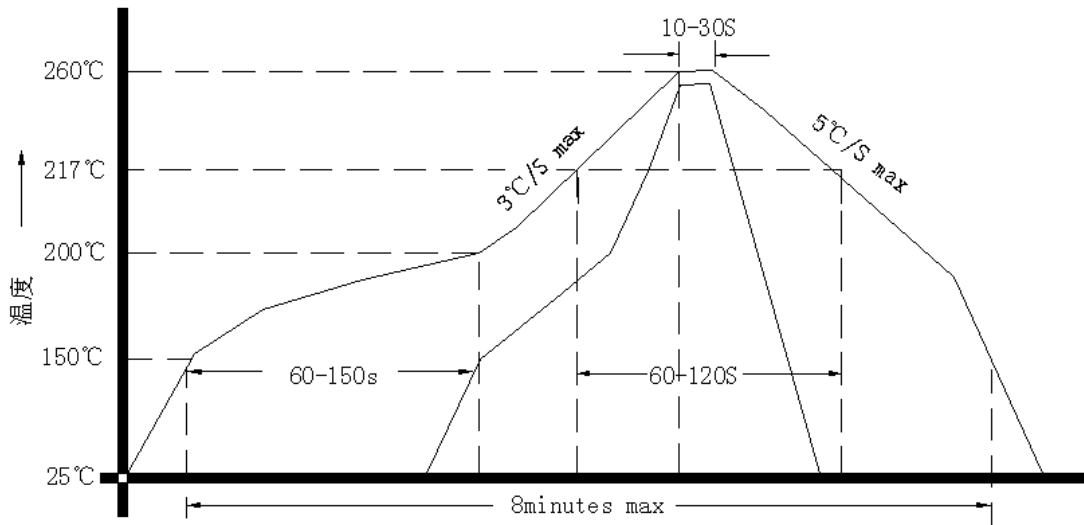
8. Test circuit



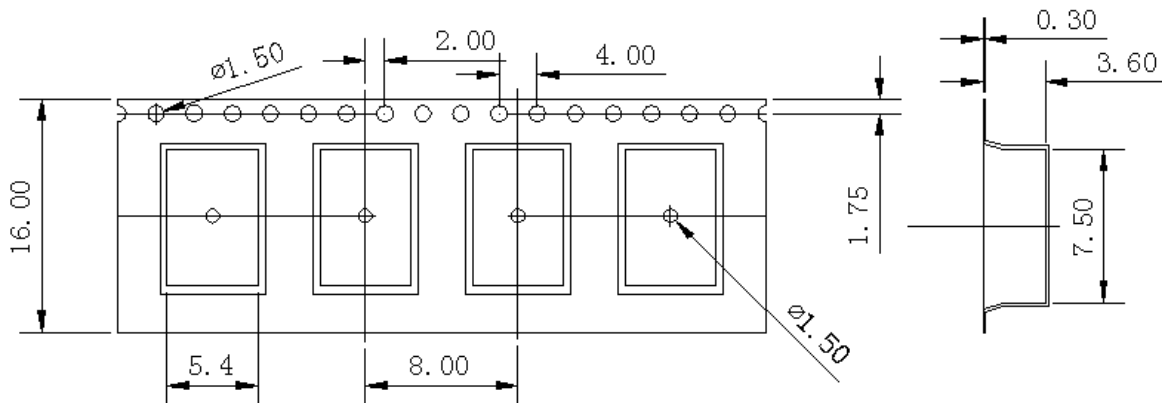
* inclusive of probe and jig capacitance



9. Reflow Soldering Curve (RoHS)



10. Package: Tape & Reel (mm)



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