

Main Feature

- RoHS/RoHS Compliant
- SMD type
- Low cost and short lead time

Application

- Consumer Electronics
- Communications

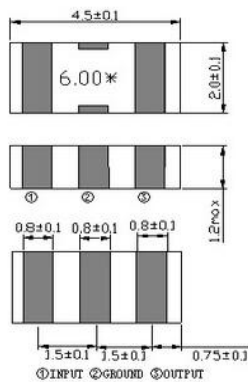


4. 5X2. 0X1. 2mm

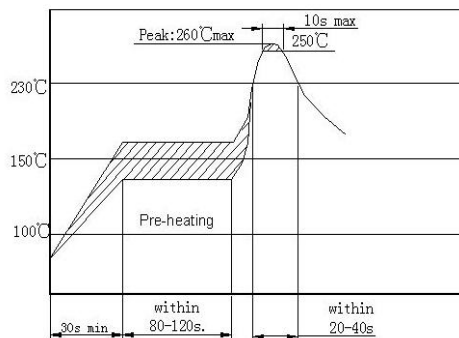
Standard Specification

Frequency Range: 4.000~8.00MHz  
 Frequency Accuracy At 25°C : ±0.5%  
 Temp. Stability At -20°C ~80°C : ±0.3%  
 Operating Temp. Range: -25°C ~+85°C  
 Storage Temp. Range: -55°C ~+85°C  
 Resonant Impedance Ro. : 40 Ω Max.  
 Withstanding Voltage: 50V DC 1minute  
 Rating Voltage UR(V)max. : 6V DC D.C. Voltage  
 15V p-p A.C. Voltage  
 Insulation Resistance: 100(MΩ) 10V, 1Min  
 Aging (Over 10 years): ±0.2%  
 Supply Voltage VDD: +5.0V  
 Withstanding Voltage: 50V DC 1minute  
 Built-In Load Capacitance (C1=C2): 15PF  
 \*Specifications Subject to Change Without Notice  
 \*\*Please specify frequency Range before order/Inquiry

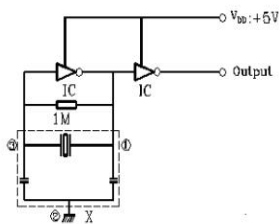
Dimension ( Unit: mm)



RECOMMENDED REFLOW SOLDERING STANDARD CONDITIONS

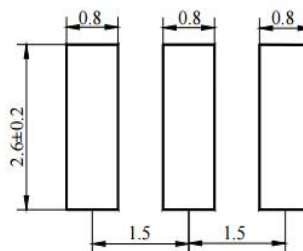


TEST CIRCUIT



X: Ceramic Resonator  
 C1=C2: 15pF ±20%  
 1: INPUT 2: GROUND 3: OUTPUT

Recommended Land Pattern



TGS part No. Guide

TGS	CR	T	CR	4. 0M	G	T
	1	2	3	4	5	6

- 1) CR: Ceramic Resonator
- 2) A: With built-in Capacitance
- 3) C: Dimensions
- 4) 4. 0M: Freq. Range
- 5) G: Design Mode
- 6) T: Tape/Ree (Package)