

Main Fetaure

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

Application

- Consumer Electronics
- Communications



7. 4X3. 4X2. 0mm

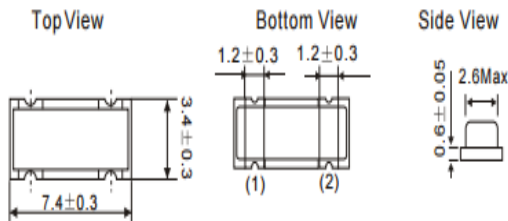
Standard Specification

Frequency Range:2.000~8.00MHz
 Frequency Accuracy At 25°C : ±0.5%
 Temp. Stability At -20°C ~80°C : ±0.3%
 Load Capacitance C1,C2: 30pF
 Operating Temp. Range: -20°C ~+80°C
 Storage Temp. Range:-40°C ~+85°C
 Equivalent Series Resistance (ESR): 100 ohm Max. 2.00 ~ 2.99MHz
 50 ohm Max. 3.00 ~ 3.49MHz
 30 ohm Max. 3.50 ~ 8.00MHz

Withstanding Voltage: 50V DC 1minute
 Rating Voltage: D. C. Voltage: 6V. D. C., A . C. Voltage: 15Vpp
 Insulation Resistance(Ω): 100M ohm Min. (at 10V DC)
 Aging (Over 10 years): ±0.5ppm
 Supply Voltage VDD: +5.0V
 Design Mode: Thickness Shear Mode

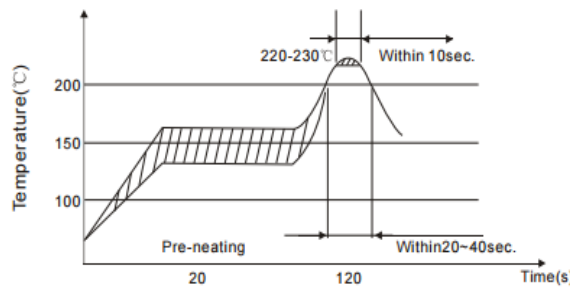
*Specifications Subject to Change Without Notice
 **Please specify frequency Range before order/Inquiry

Dimension (Unit: mm)

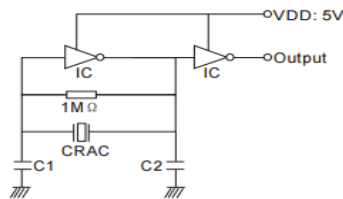


(1): INPUT (2): OUTPUT

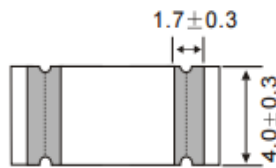
RECOMMENDED REFLOW SOLDERING STANDARD CONDITIONS



TEST CIRCUIT



RECOMMENDED LAND PATTERN (Unit: mm)



TGS part No. Guide

TGS	CR	A	C	4.0M	G	T
	1	2	3	4	5	6

- 1) CR: Ceramic Resonator 2) A: Without built-in Capacitance 3) C:Dimensions
 4) 4.0M: Freq. Range 5) G: Design Mode 6) T: Tape/Reel (Package)