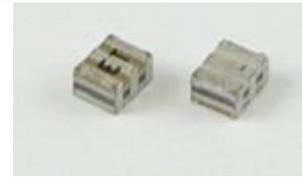


Main Feature

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



2.5X2.0X1.5mm

Application

- Consumer Electronics

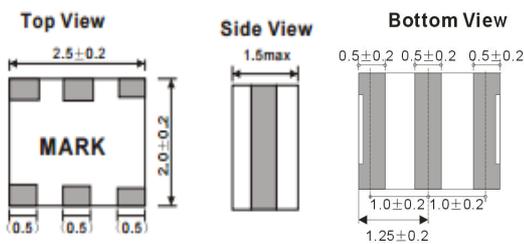


Standard Specification

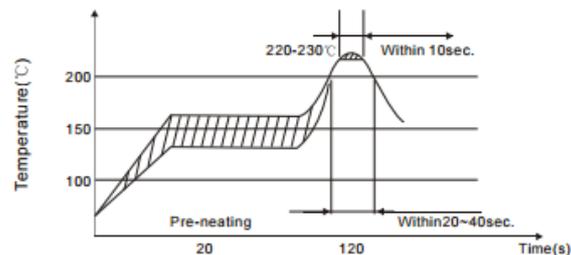
Frequency Range: 24.00~50.0MHz
 Frequency Accuracy : ±0.5%
 Temp. Stability At -20°C ~+80°C: ±0.3%
 Load Capacitance C1,C2: 8pf±20%
 Operating Temp. Range: -20°C ~+80°C
 Storage Temp. Range: -40°C ~+85°C
 Equivalent Series Resistance(ESR): 50Ω Max.
 Withstanding Voltage: DC 100V, 5 seconds. Max.
 Rating Voltage: D. C. Voltage: 6V. D. C.
 A . C. Voltage: 10Vp-p
 Insulation Resistance : 50MΩ Min.
 Aging (Over 10 years): ±0.3ppm
 Supply Voltage VDD: +5.0V
 Cut Mode: Thickness Expander mode (3rd OT)

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

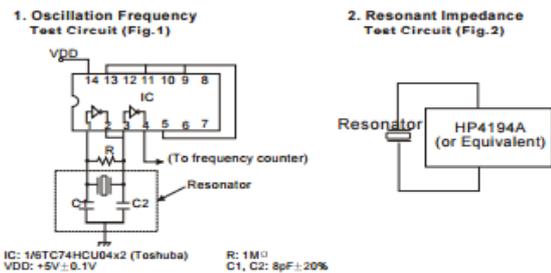
Dimension (Unit: mm)



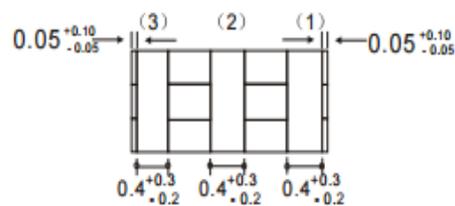
RECOMMENDED REFLOW SOLDERING STANDARD CONDITIONS



TEST CIRCUIT



RECOMMENDED LAND PATTERN (Unit: mm)



TGS part No. Guide

TGS	CR	T	W	33.86	MX	T
	1	2	3	4	5	6

- 1) CR: Ceramic Resonator
- 2) T: Without built-in Capacitance
- 3) W: Dimensions
- 4) 33.86: Freq. Range
- 5) MX: Cut Mode:
- 6) T: Tape/Reel (Package)