

Main Fetaure

- RoHS Compliant
- Cross Ref. No. ABS13, MC-146 and more

Application

- Communication Equipment
- Measurement Instrument etc.
- Computer Clock and Industrial Application

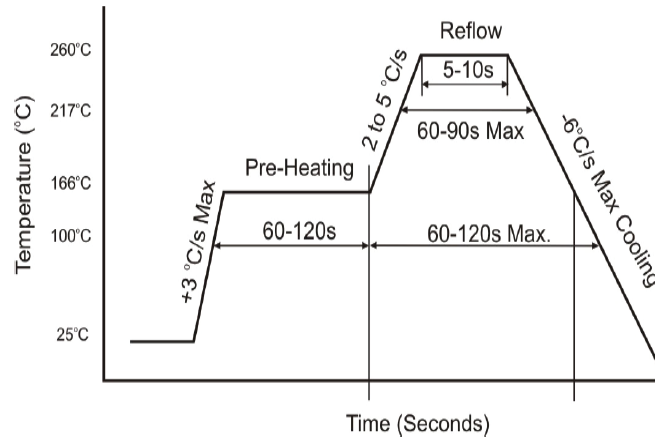


7.0*1.5*1.4mm

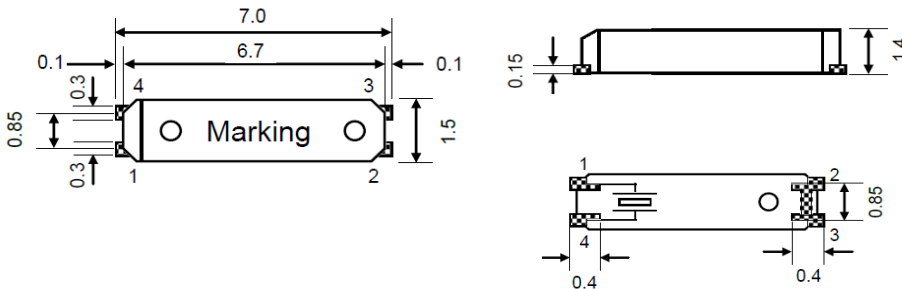
Standard Specification

Frequency Range: 32.768KHz
 Frequency Tolerance (at 25°C): ±5~ ±50ppm
 Load Capacitance: 12.5pF (Typ.) or Specify
 Frequency Coefficient: -0.040 ppm/°C Max.
 Operating Temperature: -40°C~ +85°C
 Equivalent Series Resistant: 70 kOhm Max.
 Storage Temperature: -40 °C~ +85°C (typ.)
 Aging (at 25°C): ±3ppm Max.
 Shunt Capacitance (C0): 2.0pF Max.
 Drive Level: 1.0μW Max.
 Package: Tape/Reel

Reflow Profile Condition(260 °C Max.)



Dimension (Unit: mm)



TGS part No. Guide

TGS	CCMN	32K768A	50-	12.5-	40-	70T LF XX
	1	2 3	4	5	6	7 8 9 10

- 1) CCMN: TGS Part Family No.
- 2) 32K768: Frequency Range in KHz
- 3) A: Oscillator Mode- A: AT- Cut Fund
- 4) 50: Frequency Tolerance in +/-50ppm or specify
- 5) 12.5: Load Capacitor in pF or specify
- 6) 40: Operating Temp. in -40°C~ + 85°C or specify
- 7) 70: ESR Max. in 70 Kohm .
- 8) T: Tape /Reel
- 9) LF: RoHS complaint
- 10) XX: Internal Control Code