

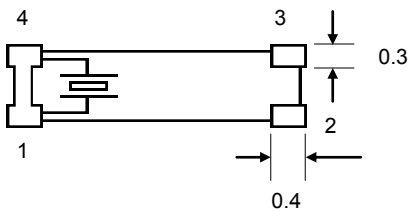
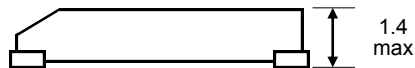
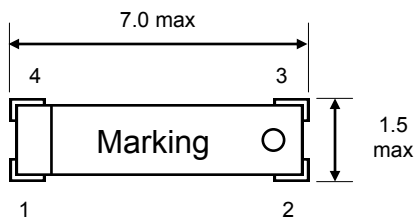
**PLASTIC MOLDED SMD TUNING FORK CRYSTAL (7.0 x 1.5 x 1.4mm)**
**FEATURES:**

- MINITURE TUNING FORK CRYSTAL
- LOW PROFILE FOR HIGH DENSITY PCB DESIGN
- INDUSTRIAL OPERATING TEMPERATURE RANGE (-40°C to 85°C)

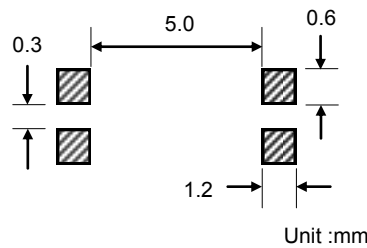
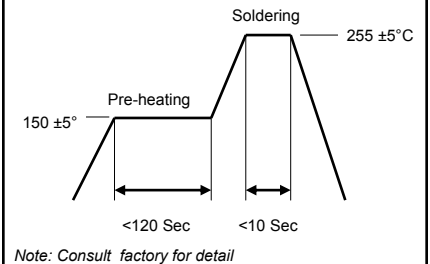
RoHS  
Compliant



MODEL	CS71
FREQUENCY	32.768KHz
FREQUENCY TOLERANCE @ 25°C	± 20ppm max.
FREQUENCY STABILITY	-0.034ppm ± 0.006 ppm / °C <sup>2</sup>
OPERATING TEMPERATURE	-40°C to 85°C
TURN OVER TEMPERATURE	25°C ± 5°C
STORAGE TEMPERATURE	-55°C to 125°C
LOAD CAPACITANCE	STD: 12.5pF, (see below for other options)
SHUNT CAPACITANCE	1.20pF typical
MOTIONAL CAPACITANCE	0.0023pF typical
ESR	65KΩ max.
INSULATION RESISTANCE	500MΩ min. @ 100VDC ± 15VDC
DRIVE LEVEL	0.1uW typical, 1.0uW max
AGING	± 3.0ppm max. @ 25°C ± 3°C
SHOCK	± 5.0ppm max.
VIBRATION	± 5.0ppm max.

**PACKAGE DIMENSIONS**


Unit :mm

**SOLDER PATTERN**

**REFLOW PROFILE**

**PART NUMBERING GUIDE**
