

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

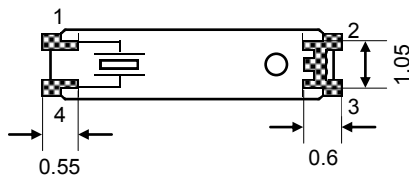
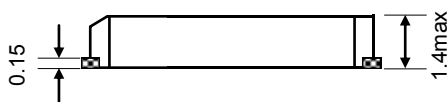
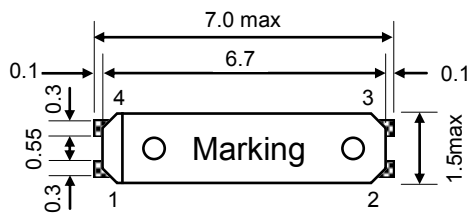
FEATURES:

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



MODEL	CS71
FREQUENCY	32.768KHz
FREQUENCY TOLERANCE @ 25°C	± 20ppm max.
FREQUENCY STABILITY	-0.034ppm ± 0.006 ppm / °C ²
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. @ 100V _{DC} ± 15V _{DC}
DRIVE LEVEL	0.1uW typical, 1.0uW max
AGING	± 3.0ppm max. @ 25°C ± 3°C
SHOCK	± 5.0ppm max.
VIBRATION	± 5.0ppm max.

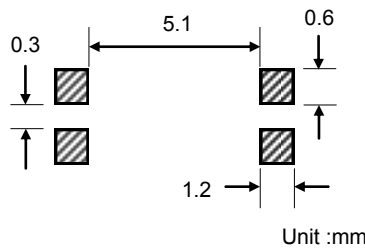
PACKAGE DIMENSIONS



Revision - 9/13/2011

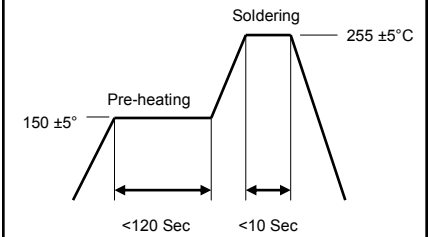
Unit :mm

SOLDER PATTERN



Unit :mm

REFLOW PROFILE



Note: Consult factory for detail

PART NUMBERING GUIDE

