

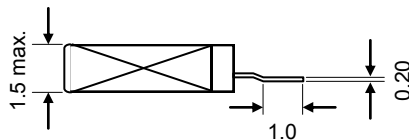
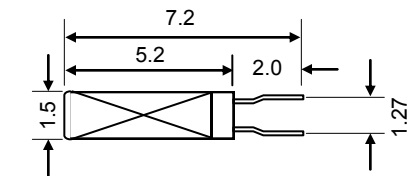
**MINIATURE SMD TUNING FORK CRYSTAL (5.2 x 1.5 x 1.58mm)**
**FEATURES:**

- FLAT SURFACE WITH FORMED LEADS FOR SMD MOUNTING
- INDUSTRIAL OPERATING TEMPERATURE RANGE (-40°C to 85°C)
- LOW AGING / LOW POWER CONSUMPTION

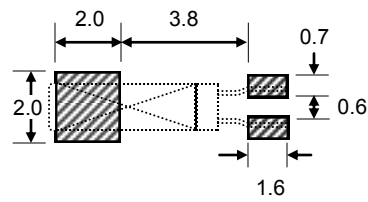
RoHS  
Compliant



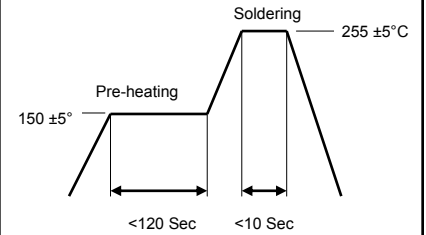
MODEL	SMTF
FREQUENCY	30.000KHz ~ 200.000KHz
FREQUENCY TOLERANCE @ 25°C	± 20ppm max.
FREQUENCY STABILITY	-0.034ppm ± 0.006 ppm / °C <sup>2</sup>
OPERATING TEMPERATURE	-40°C to 85°C
TURN OVER TEMPERATURE	25°C ± 5°C
STORAGE TEMPERATURE	-55°C to 125°C
LOAD CAPACITANCE	STD: 12.5pF, (see below for other options)
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**


Unit: mm

**REFLOW PROFILE**


Note: Consult factory for detail

**PART NUMBERING GUIDE**
