

MINIATURE SMD TUNING FORK CRYSTAL (5.2 x 1.4 x 1.5mm)

FEATURES:

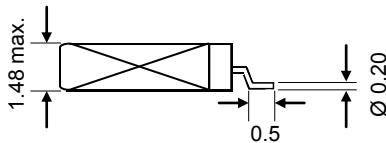
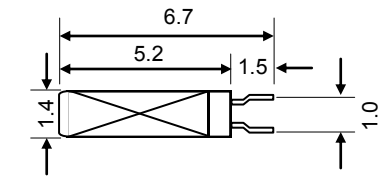
- FLAT SURFACE WITH FORMED LEADS FOR SMD MOUNTING
- INDUSTRIAL OPERATING TEMPERATURE RANGE (-40°C to 85°C)
- LOW AGING / LOW POWER CONSUMPTION



■ SPECIFICATION

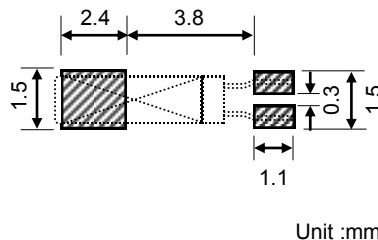
FREQUENCY RANGE	30.000kHz ~ 200.000kHz
FREQUENCY TOLERANCE @ 25°C	STD: ± 20ppm max., Option A: ±100ppm available (Consult factory)
FREQUENCY STABILITY	-0.034ppm ±0.006 ppm / °C ²
OPERATING TEMPERATURE RANGE	-40°C to 85°C
STORAGE TEMPERATURE RANGE	-55°C to 125°C
TURN OVER TEMPERATURE	25°C ± 5°C
LOAD CAPACITANCE	STD: 12.5pF (See P/N guide for other options)
SHUNT CAPACITANCE	1.20pF typical
MOTIONAL CAPACITANCE	0.0023pF typical
EQUIVALENT SERIES RESISTANCE	65kΩ max.
INSULATION RESISTANCE	500MΩ min. @ 100V _{DC} ± 15V _{DC}
DRIVE LEVEL	0.1μW typ., 1.0μW max.
AGING	±3.0ppm / 1 st year max.
SHOCK	±5.0ppm max.
VIBRATION	±5.0ppm max.

■ PACKAGE DIMENSIONS



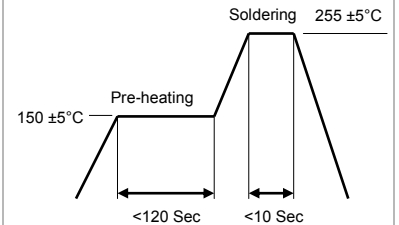
Unit : mm

■ SOLDER PATTERN



Unit : mm

■ REFLOW PROFILE



Note: Consult factory for detail

■ PART NUMBERING GUIDE

