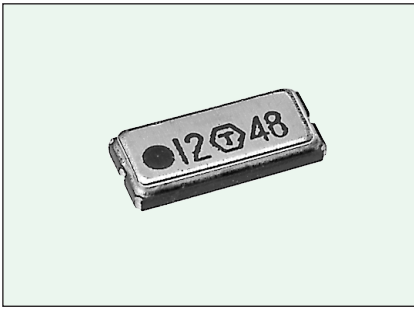


Crystal Units



# TSX-2

Ceramic Seam Weld

## Features

- Miniature size low profile unit (7.8 X 3.4 X 1.2 mm max.)
- Excellent shock-proof characteristics (10,000 G min.)
- High reliable LCC package
- Available to Surface Mount Technology and IR-reflow process

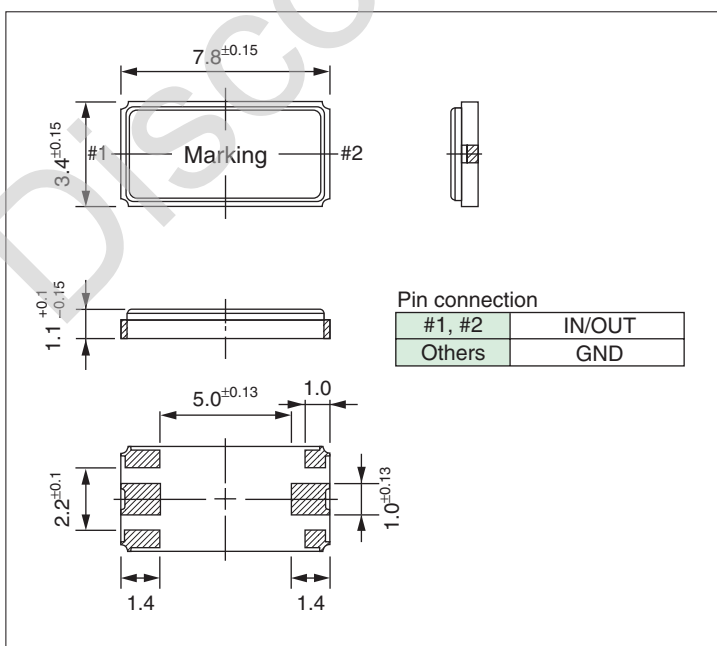
## Application

- Reference oscillator
- 1st local oscillator
- 2nd local oscillator

## Specifications

Type	TSX-2
Frequency range	12.6 MHz to 30 MHz
Mode of vibration	Fundamental
Frequency tolerance	±10 ppm (at +25 °C ±2°C)
Frequency stability	±10 ppm (-30 °C to +85 °C, Ref. 25 °C)
Load capacitance (CL)	Series, 20 pF, 30 pF, etc.
Resonance resistance (Rr)	Fundamental : 40 Ω max.
Drive level	100 μW max.
Aging	±1.0 ppm max. / year

## Package Outlines [Dimensions in mm]



## Footprint [Dimensions in mm]

