

Crystal Units



# TSX-5032 (previously TSX-8A)

Ceramic Seam Weld

## Features

- Ultra miniature size low profile unit (5.0 X 3.2 X 0.8 mm max.)
- Excellent shock-proof characteristics (10,000 G min.)
- High reliable LCC package
- Available to Surface Mount Technology and IR-reflow process

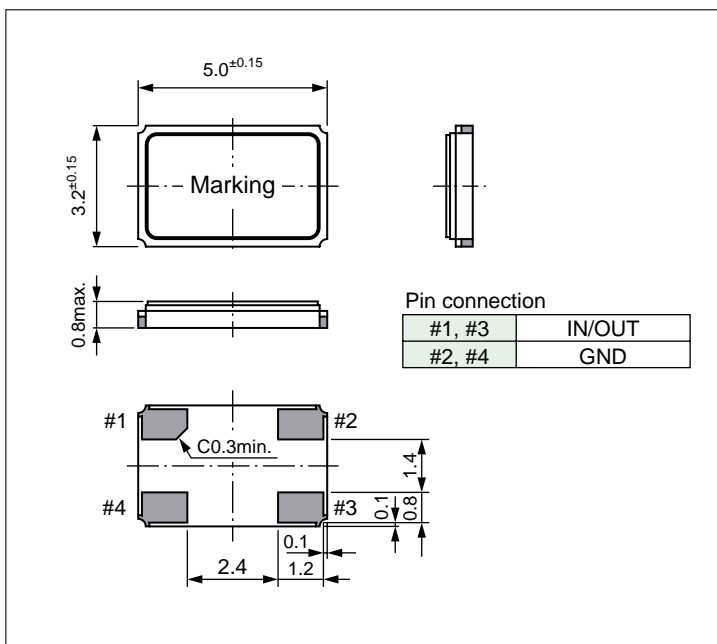
## Application

- Reference oscillator
- Bluetooth

## Specifications

Type	TSX-5032
Frequency range	10 MHz to 32 MHz
Mode of vibration	Fundamental
Frequency tolerance	±10 ppm (at +25 °C ±2°C)
Frequency stability	±10 ppm (-20 °C to +75 °C, Ref. 25 °C)
Load capacitance (CL)	Series, 9 pF, 12 pF, 16 pF, etc.
Resonance resistance (Rr)	10 to 12MHz : 60 Ω max. / 13 to 32MHz : 40 Ω max.
Drive level	100 μW max.
Aging	±1.0 ppm max. / year

## Package Outlines [Dimensions in mm]



## Footprint [Dimensions in mm]

