



TSX-3225

Ceramic Seam Weld

Features

- Ultra miniature size low profile unit
W:3.2 ,D: 2.5 ,H: 0.6 max. (in mm)
- Excellent shock-proof characteristics (10,000 G min.)
- High reliable LCC package
- Available to Surface Mount Technology and IR-reflow process

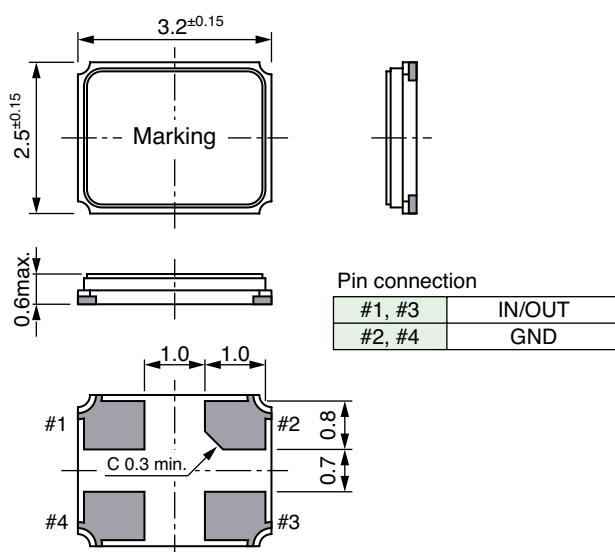
Application

- Reference oscillator
- Bluetooth,W-LAN
- DSC,DVC

Specifications

Type	TSX-3225
Frequency range	16 MHz to 48 MHz
Mode of vibration	Fundamental
Frequency tolerance	± 10 ppm (at $+25\text{ }^{\circ}\text{C} \pm 2^{\circ}\text{C}$)
Frequency stability	± 10 ppm ($-20\text{ }^{\circ}\text{C}$ to $+75\text{ }^{\circ}\text{C}$, Ref. $25\text{ }^{\circ}\text{C}$)
Load capacitance (C_L)	Series , 9 pF, 12 pF, 16 pF, etc.
Resonance resistance (R_r)	16 to 20MHz : 60 Ω max. / 21 to 48MHz : 40 Ω max.
Drive level	100 μW max.
Aging	± 1.0 ppm max. / year

Package Outlines [Dimensions in mm]



Footprint [Dimensions in mm]

