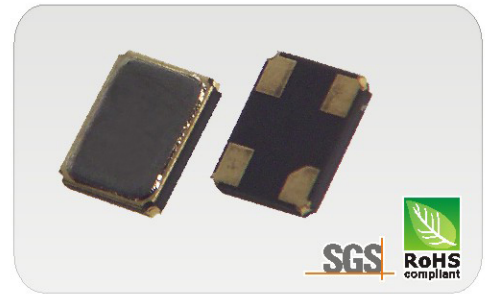


# QUARTZ CRYSTAL, SERIES TX3

## Seam Sealed Ceramic 3.2 x 2.5mm SMD

### FEATURE

- Ultra thin, thickness 0.7mm
- Leadless type
- High precision characteristic covering up to high frequency range
- Designed for automatic mounting and reflow soldering
- Emboss taping specification
- The best choice of Bluetooth wireless communication sets. DSN, PDA and mobile phone



### ELECTRICAL SPECIFICATIONS

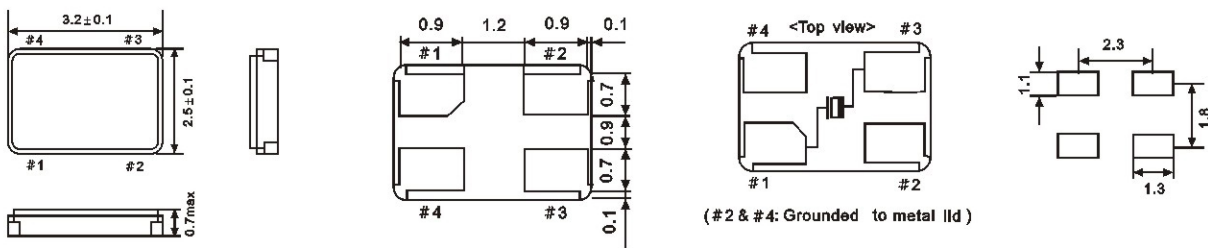
Item	Specifications
Frequency Range	10.000 MHz to 54.000 MHz
Load Capacitance(C <sub>L</sub> )	Series, 8pF, 9pF, 12pF, 18pF, 20pF or specify
Frequency Tolerance (at 25° C)	± 10ppm ~ ± 50ppm or specify
Operating Temperature Range	-10°C—+60°C (standard), -20°C—+70°C, -40°C—+85°C, or Specify
Frequency Stability Over Operating Temperature Range	± 10ppm~ ± 50ppm or specify
Storage Temperature Range	-55°C to + 125 °C
Shunt Capacitance (C <sub>0</sub> )	5.0 pF Max
Drive Level	10 μ W~100 μ W
Aging @25° C 1 <sup>st</sup> year (Max)	± 3ppm/year
Shock Resistance	Drop test of 3 times on 2mm stainless plate from 75cm height

\*Please consult our sales representative for other specifications.

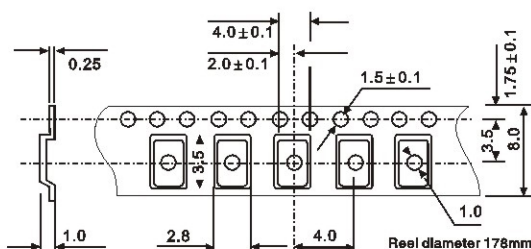
### EQUIVALENT SERIES RESISTANCE ( ESR) AND OSCILLATION MODE

Frequency Range	E.S.R.(Ω)	Mode
10.000~23.999MHz	80Ω Max	AT/Fundamental
24.000~48.000MHz	60Ω Max	AT/Fundamental

### DIMENSION(mm)



### PACKING SPECIFICATION(mm)



### REFLOW CONDITION

