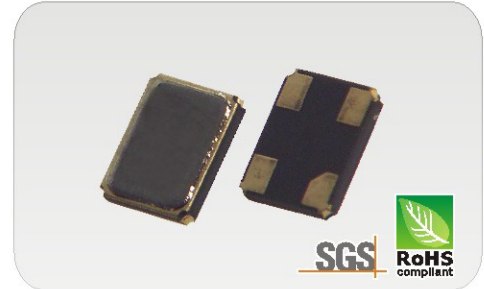


# QUARTZ CRYSTAL, SERIES TX5

Seam Sealed Ceramic 5.0 x 3.2mm SMD

## FEATURE

- Ultra thin, thickness 1.0mm
- Leadless type
- High precision characteristic covering up to high frequency range
- Automatic mounting
- Emboss taping specification
- Suitable for Reflow soldering



## ELECTRICAL SPECIFICATIONS

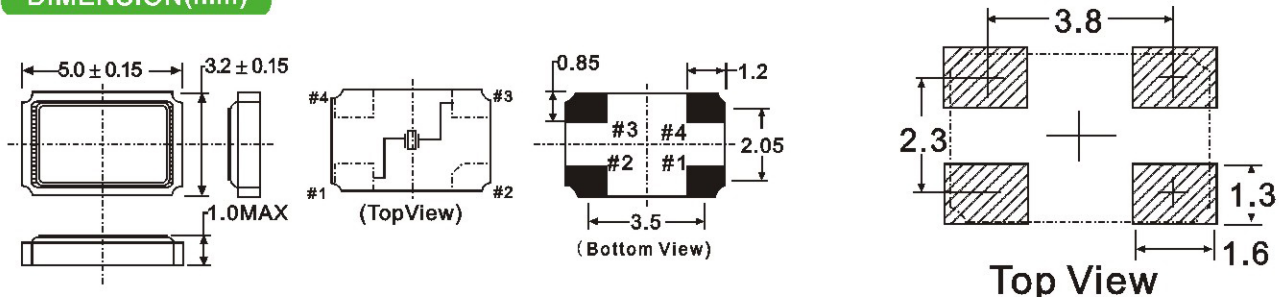
Item	Specifications
Frequency Range	8.000 MHz to 54.000 MHz
Load Capacitance(C <sub>L</sub> )	Series, 16pF, 20pF, 30pF, 32pF, or specify
Frequency Tolerance (at 25°C)	± 10ppm ~ ± 50ppm or specify
Operating Temperature Range	-10°C—+60°C (standard), -20°C—+70°C, -40°C—+85°C, or Specify
Frequency Stability Over Operating Temperature Characteristics	± 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, ± 5ppm/year
Shock Resistance	Drop test of 3 times on 2mm stainless plate from 75cm height

\*Please consult our sales representative for other specifications.

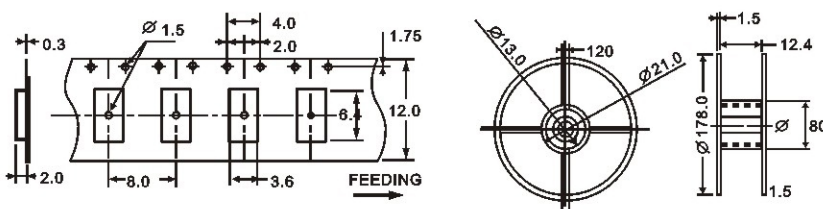
## EQUIVALENT SERIES RESISTANCE ( ESR) AND OSCILLATION MODE

Frequency Range	E.S.R.(Ω)	Mode
8.000 MHz ~ 29.999 MHz	60 Max	AT/Fundamental
30.000 MHz ~ 54.000 MHz	45 Max	AT/Fundamental

### DIMENSION(mm)



### PACKING SPECIFICATION(mm)



### REFLOW CONDITION

