

## CRYSTAL UNIT

### CERAMIC SMD TYPE **SX-6**

- Four pad ceramic surface mount package
- AT cut
- Tight tolerance/stability
- Using highly reliable seam weld method
- Taping and reel available, automatic mountable
- Pb-free and RoHS compliance



#### ELECTRICAL SPECIFICATIONS

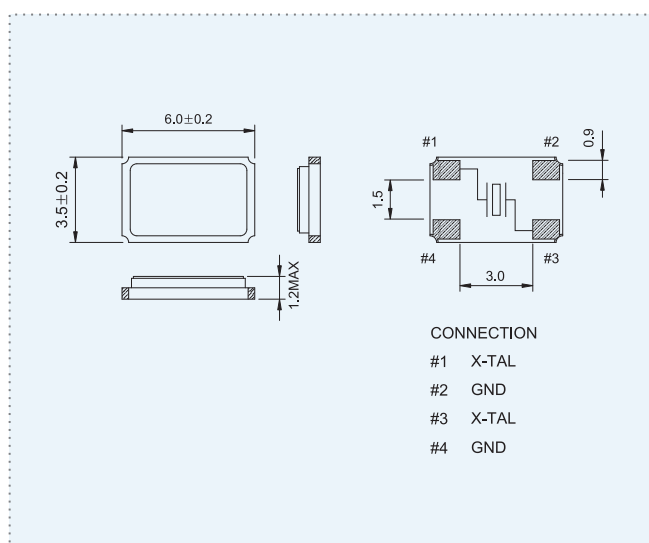
Frequency Range	10.000 to 80.000MHz
Operating Temperature Range	-10 to +60 °C (STD), -20 to +70 °C, -40 to 85 °C, or specify
Storage Temperature Range	-40 to +85 °C
Frequency Tolerance (at 25 °C)	± 15, ± 30, ± 50ppm(STD), or specify
Frequency stability Over Operating Temperature Range	See Table1 in page 4
Load Capacitance(CL)	18pF(STD), Custom CL ≥ 10pF or Series Resonant
Drive Level	10 μW (100 μW max.)
Shunt Capacitance(Co)	7.0pF max.
Aging (at 25 °C)	± 5.0ppm/year max.
Insulation Resistance	500MΩ min. at 100V <sub>DC</sub>

#### EQUIVALENT SERIES RESISTANCE(ESR)

Frequency Range(MHz)	ESR(Ω MAX.)	Mode of Oscillation
10.000 ~ 11.999	70	Fundamental
12.000 ~ 14.999	60	Fundamental
15.000 ~ 19.999	60	Fundamental
20.000 ~ 34.999	50	Fundamental
35.000 ~ 43.999	40	Fundamental
44.000 ~ 49.999	80	3rd Overtone
50.000 ~ 80.000	80	3rd Overtone

#### MECHANICAL DIMENSIONS

(mm)



#### LAND PATTERN

(mm)

