

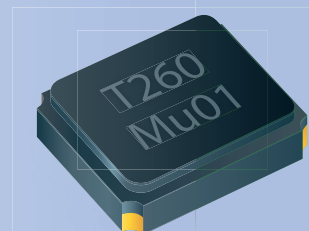
# SMD Glass Sealing Crystals

## 3.2 x 2.5 x 0.8 mm 7V Series

Quartz Crystals  
Series

### Features

- 4 pads SMD glass sealed crystal.
- Applications in wireless communication ,DSC and USB interface card.
- Excellent heat resistance and environmental characteristics.
- Contain Pb in sealing glass exempted by RoHS directive.



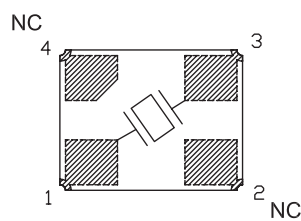
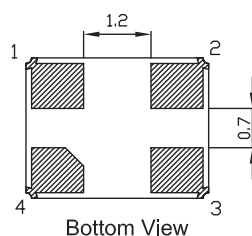
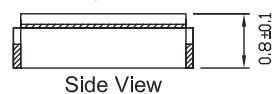
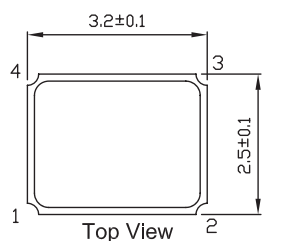
### Electrical Specifications

Item / Type	7V
Frequency Range	9.9 ~ 54 MHz
Frequency Tolerance (at 25 °C)	± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 30 ppm, or specify
Operating Temperature Range	-10 ~ +70 °C, or specify
Shunt Capacitance (C0)	3 pF Max.
Drive Level	1 ~ 50 $\mu$ W (10 $\mu$ W typical)
Load Capacitance	8 pF, 10 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 °C

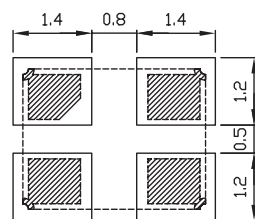
### Equivalent Series Resistance(ESR)

Fundamental	
9.9 ~ 12 MHz	150 $\Omega$ Max.
12 ~ 16 MHz	100 $\Omega$ Max.
16 ~ 54 MHz	60 $\Omega$ Max.

### Dimensions



Top View Suggested Connection



Top View Suggested Layout

Units: mm

Remark : Specification subject to change without prior notice. Please confirm with our sales. <http://www.txccorp.com>