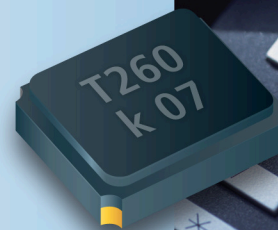


# SMD Glass Sealing Crystals

## 3.2 x 2.5 x 0.8 mm 7V Series

### Features

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



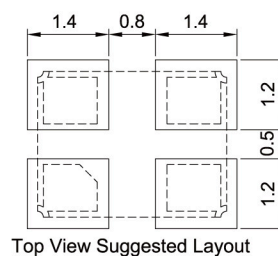
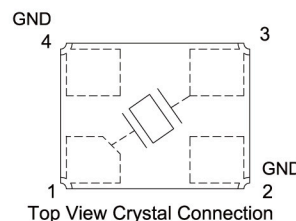
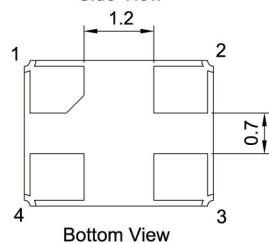
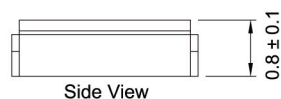
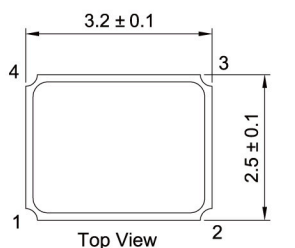
### Electrical Specifications

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 ( - 20 ~ + 70 °C ), or specify
Operating Temperature Range	- 40 ~ + 85 °C
Shunt Capacitance (C0)	3 pF Max.
Drive Level	1 ~ 50 μW (10 μW typical)
Load Capacitance	12 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 Ω Max.
12 ~ 13 MHz	120 Ω Max.
13 ~ 54 MHz	60 Ω Max.

### Dimensions



Units: mm