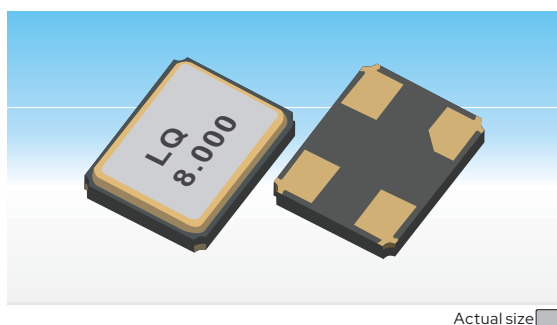


# SMD Crystal Units

7U Series SMD Crystal Units

8 MHz~125 MHz

Size: 3.2×2.5×0.70 mm



## Features

- 3225 size miniature and lightweight SMD crystal units with low profile of 0.7mm
- Frequency range from 8MHz to 125MHz
- High precision and high frequency stability
- High reliable environmental performance
- Application for wireless modules, Automotive, Wearable devices, DSC, PDA, Tablet, mobile communications, etc.
- RoHS Compliant / Pb Free

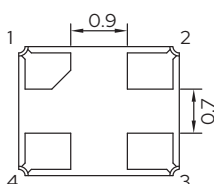
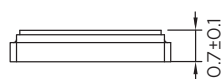
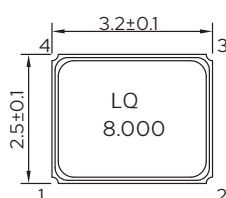


## Standard Specifications

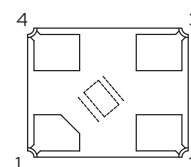
| Item                                       | Type | 7U Series SMD 3225 Crystal Units                                  |           |          |           |
|--|------|---|-----------|----------|-----------|
|  |      | 8~10MHz   | 10~12MHz  | 12~30MHz | 30~125MHz |
| Frequency Range                            |      | 8~10MHz   | 10~12MHz  | 12~30MHz | 30~125MHz |
| Overtone Order                             |      | Fundamental   |           |          |           |
| Load Capacitance                           |      | 8pF, 10pF, 12pF, or specify                                       |           |          |           |
| Drive Level                                |      | 100μW Typical   |           |          |           |
| Frequency Tolerance                        |      | ±10ppm, ±20ppm, or specify (at 25°C)                              |           |          |           |
| Series Resistance                          |      | 250Ω max.   | 200Ω max. | 80Ω max. | 40Ω max.  |
| Frequency Characteristics Over Temperature |      | ±10ppm, ±20ppm, ±30ppm, or specify                                |           |          |           |
| Operating Temperature Range                |      | -20~+70C, -40~+85°C, -55~+85°C, -40~+105°C, -55~+125°C or specify |           |          |           |
| Storage Temperature Range                  |      | -55~+125°C  |           |          |           |
| Size (L×W×H) (mm)                          |      | 3.2×2.5×0.7   |           |          |           |
| Packing Unit                               |      | 3000pcs./reel   |           |          |           |

[mm]

### Dimensions



### Connection



### Suggested Layout

