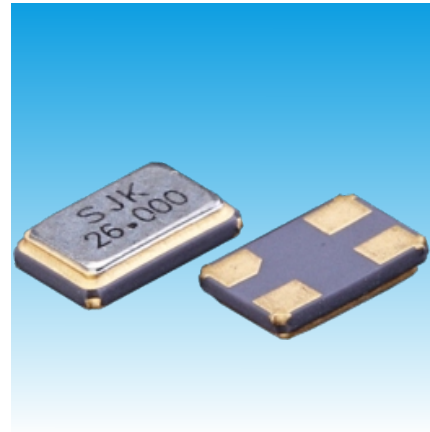


Features

- 3225 size ultra miniature and lightweight SMD crystal units with low profile of 0.70mm
- Frequency range from 10MHz to 64MHz
- High precision and high reliability
- Automatic mounting and reflow soldering
- Application for telecommunications, DVC, PC, DSC, PDA, Wearable device, etc.
- RoHS Compliant /Pb Free



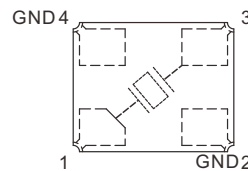
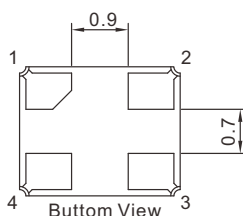
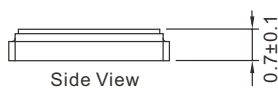
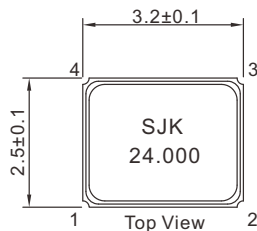
Standard Specification

| Item /Type | 7U (7U Series SMD Crystal Units) |
|--|----------------------------------|
| Frequency Range | 10~64 MHz |
| Frequency Tolerance (at 25°C) | ±10ppm~±30ppm, or specify |
| Frequency stability Over Operating Temperature | ±10ppm~±30ppm, or specify |
| Operating Temperature Range | -40~+85°C, or specify |
| Shunt Capacitance (C ₀) | 5pF Max. |
| Drive Level | 1~200μW (100μW Typ.) |
| Load Capacitance | 8pF, 10pF, 12pF, or specify |
| Aging (at 25°C) | ±3ppm /year Max. |
| Storage Temperature Range | -55~+125°C |
| Packing Unit | 3000pcs./Reel |

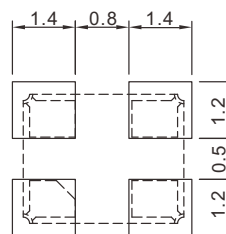
Equivalent Series Resistance

| Fundamental | |
|-------------|-----------|
| 10~16 MHz | 100Ω Max. |
| 16~20 MHz | 80Ω Max. |
| 20~64 MHz | 60Ω Max. |

Dimensions [mm]



Top View Crystal Connection



Top View Suggested Layout

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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[BTL-20-513](#) [TSX-3225 24.0000MF15X-AC](#) [TSX-3225 16.0000MF18X-AC](#) [BTJ120E02C](#) [BTL-12-513](#) [7A-10.000MBBK-T](#) [7A-](#)
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