

CRYSTAL UNIT

CGX-32254

Applications

- Automotive / MultiMedia / Bluetooth

Features

- Dimensions (3.2×2.5×0.8)
- Ceramic SMD Package
- Glass sealed
- Excellent Environment Resistant
- Reflow Soldering / Emboss Taping
- Compliant products with AEC-Q200

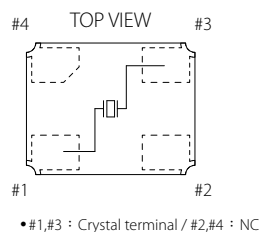
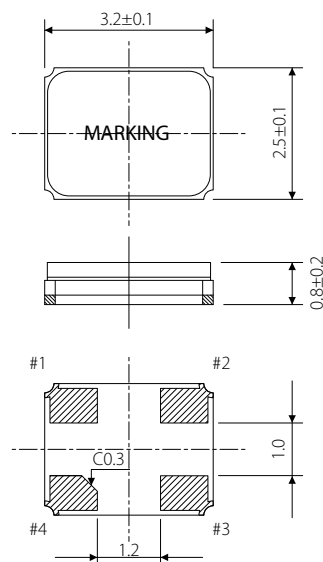
Specifications



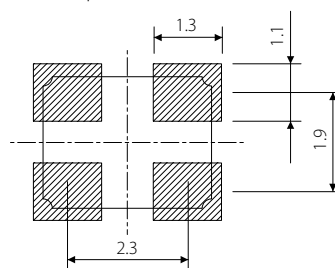
| Model | CGX-32254 |
|---|--|
| Nominal frequency range | 12.000 ~ 55.000 MHz |
| Crystal cut | Fundamental [AT-cut] |
| Storage temperature range | -40 ~ +90 , -40 ~ +125 |
| Operating temperature range | -40 ~ +85 , -40 ~ +125 |
| Frequency temperature characteristics (Ref. to +25°C) | $\pm 50 \times 10^{-6}$; $\pm 100 \times 10^{-6}$ |
| Frequency tolerance (at +25°C) | $\pm 30 \times 10^{-6}$; $\pm 50 \times 10^{-6}$ |
| Equivalent series resistance | 120Ω: 12.000~18.999 MHz 60Ω: 19.000~55.000 MHz |
| Load capacitance | series, 10pF, 12pF, 16pF |
| Shunt capacitance | 5pF max. |
| Level of drive | 10 μW (100 μW max.) |

Package quantity: 3,000pcs max./Reel.
The product is suitable for Car multimedia, Car accessory application.

Outline and Dimensions [unit:mm]



Example of a Terminal Land Pattern



| Maximum marking length | | Marking |
|------------------------|-------|------------------------------------|
| line1 | line2 | |
| 4 | 4 | Laser |
| ex.) | | <div>24 . 5</div> <div>S G A</div> |