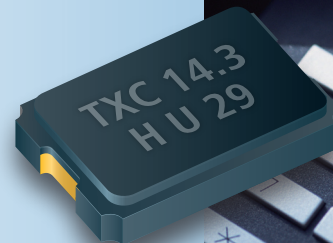


SMD Glass Sealing Crystals

5.0 x 3.2 x 1.2 mm 7A Series

Features

- 2 pads SMD glass sealed crystal units.
- High reliable environmental performance.
- Tight tolerance and stability parts are available.
- Designed for automatic mounting and reflow soldering.
- Reasonable cost and good delivery performance.
- The best choice of portable PC, PDA, DSC, and USB interface card.
- Contains Pb in sealing glass exempted by RoHS directive.



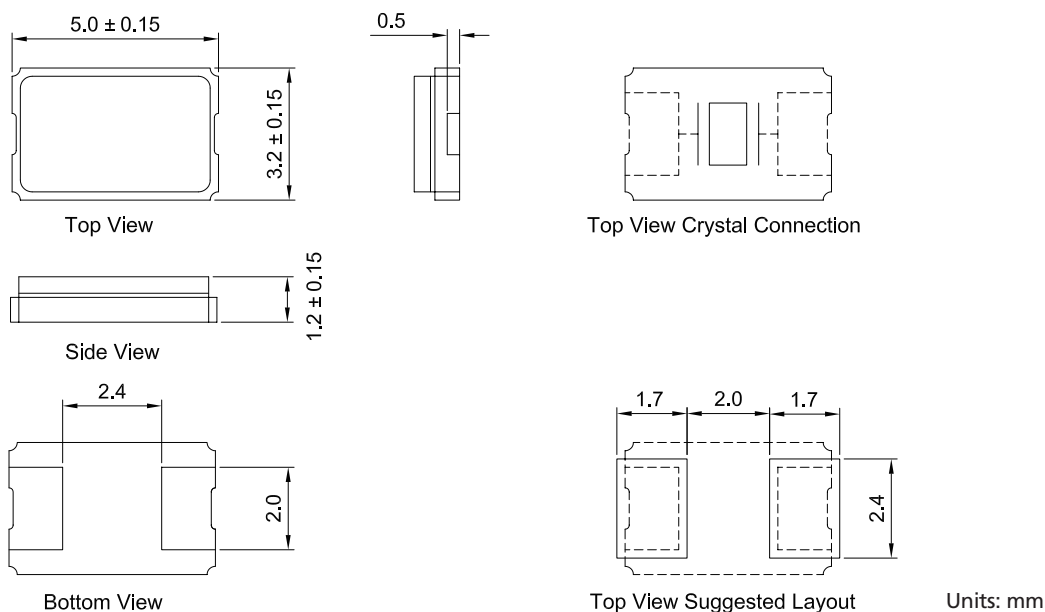
Electrical Specifications

| Item / Type | 7A |
|--|---|
| Frequency Range | 8 ~ 80 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) | 5 pF Max. |
| Drive Level | 1 ~ 200 μW (100 μW typical) |
| Load Capacitance | Series, 6 pF, 10 pF, 16 pF, 20 pF, or specify |
| Aging (at 25 °C) | ± 3 ppm / year Max. |
| Storage Temperature Range | - 40 ~ + 85 °C |

Equivalent Series Resistance(ESR)

| Fundamental | | 3rd Overtone | |
|-------------|-----------|--------------|------------|
| 8 ~ 12 MHz | 80 Ω Max. | 40 ~ 80 MHz | 100 Ω Max. |
| 12 ~ 54 MHz | 50 Ω Max. | | |

Dimensions



X-ON Electronics

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