Quartz Crystals







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.

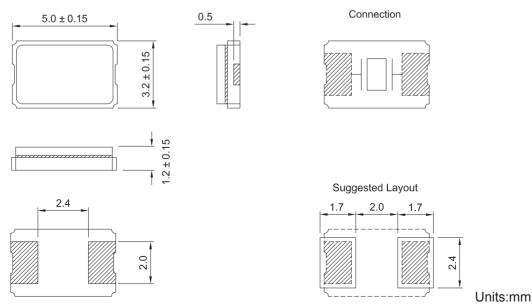
Electrical Specifications

| 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 (-20 ~ +70 °C), or specify | |
| Operating Temperature Range | - 40 ~ + 85 °C | |
| Shunt Capacitance (C0) | 5 pF Max. | |
| Drive Level | 1 ~ 200 μW (100 μW typical) | |
| Load Capacitance | 18 pF, or specify | |
| Aging (at 25 °C) | ± 3 ppm / year Max. | |
| Storage Temperature Range | - 55 ~ + 125 °C | |

Equivalent Series Resistance(ESR)

| Fudamanetal | | 3rd Overtone | |
|-------------|-----------|--------------|------------|
| 8 ~ 12 MHz | 80 Ω Max. | 40 ~ 80 MHz | 100 Ω Max. |
| 13 ~ 54 MHz | 50 Ω Max. | | |

Dimensions



Remark : Specification subject to change without prior notice. Please confirm with our sales

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