

Crystal Model: RFX-32 series

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Features

- Standard frequency range (8.0 to 54.0) MHz fundamental
- Temperature stability from ± 10 ppm
- Temperature range from $(-40$ to $+85)^\circ\text{C}$
- The flexible nature of the design, means that variations to suit almost any application can be developed to meet individual customer requirements
- Drive level (0.01 - 0.1)mW
- Series Resistance—see table
- Shunt capacitance C_0 3 pF max.
- Load capacitance CL (8 - 50)pF or series
- Ageing : $\pm 3 \times 10^{-6}$ /year

Environmental

- Electrostatic-Sensitive Device (ESD)
- Storage Temperature Range: $(-55$ to $+125)^\circ\text{C}$
- Mechanical shock: MIL standard 202F, method 213 condition J
- Thermal shock: MIL standard 202F, method 107, condition A
- Vibration: MIL standard 202F, method 204, condition B
- Solderability: 5 seconds maximum at 230°C
- 3 seconds maximum at 350°C

Compliance

- RoHS Status (2011/65/EU) Compliant
- REACH Status - Compliant

Packaging

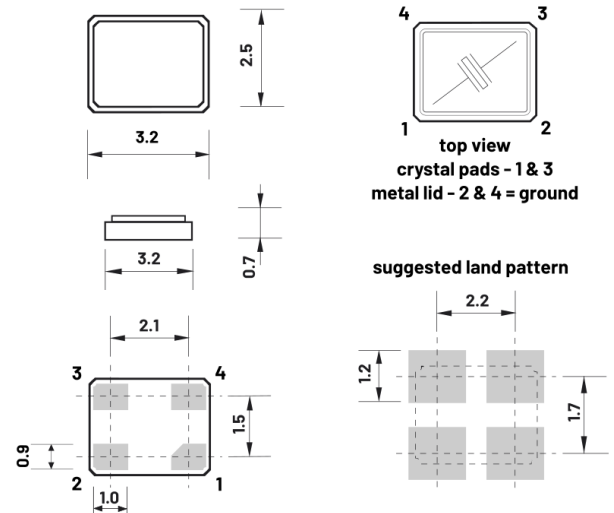
- Pack Style: tape and reel: 3000 pieces

Ordering Information

- Unique customer part number and custom specification issued with each application
- Crystal model: RFX-32 series



Dimensions (mm)



ESR-Equivalent Series Resistance

Frequency range (MHz)	Cut/Mode	ESR (Ω) upper	ESR (Ω) lower
8.0 - 54.0	AT1	<180	>30