

Crystal Part No.: RFX-21-35.127M50IY

Issue 2; 28th November 2022

Features

- Frequency 35.127MHz fundamental
- Calibration tolerance ± 20 ppm
- Temperature stability ± 30 ppm
- Temperature range $(-40$ 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 100uW
- Series Resistance 40 Ω
- 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

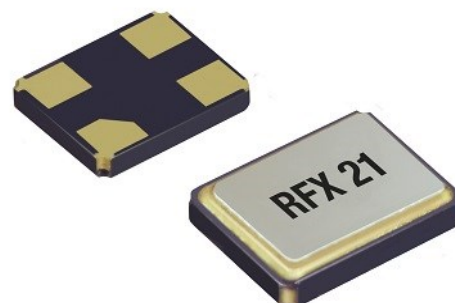
- RoHS Status (2011/65/EU) Compliant
- REACH Status - Compliant

Packaging

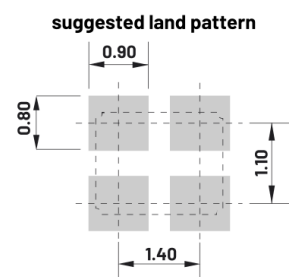
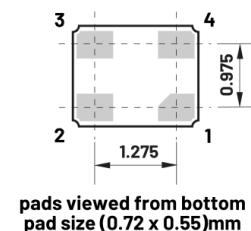
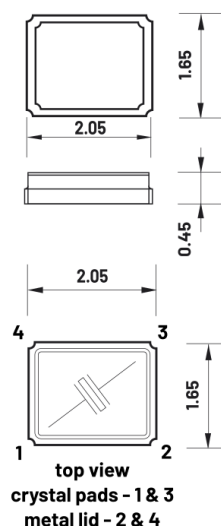
- Pack Style: tape and reel: 3000 pieces

Ordering Information

- Crystal model: RFX-21 series
- Crystal Part No.: RFX-21-35.127M50IY[xx]
 Where [xx] is the required load
 e.g. RFX-21-35.127M50IY30 for 30pF
 RFX-21-35.127M50IYS for series



Dimensions (mm)



Part number examples by load

Load condition	Part number
10pF	RFX-21-35.127M50IY10
20pF	RFX-21-35.127M50IY20
30pF	RFX-21-35.127M50IY30
Series	RFX-21-35.127M50IYS