



Crystal Part No.: RFX-32-16.0M50IY

Issue 2: 28th November 2022

Features

- Frequency 16.0MHz fundamental
- Calibration tolerance ±20ppm
- Temperature stability ±30ppm
- Temperature range (-40 to +85)°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 40Ω
- Shunt capacitance C₀ 3 pF max.
- Load capacitance CL (8 50)pF or series
- Ageing: ±3 x 10⁻⁶/year

Environmental

- Electrostatic-Sensitive Device (ESD)
- Storage Temperature Range: (-55 to +125)°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

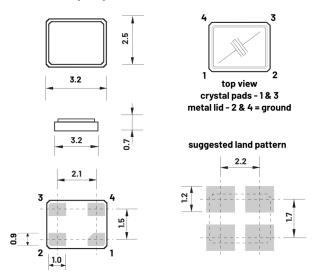
Ordering Information

Crystal model: RFX-32 series

Crystal Part No.: RFX-32-16.0M50IY[xx]
 Where [xx] is the required load
 e.g. RFX-32-16.0M50IY30 for 30pF
 RFX-32-16.0M50IYS for series



Dimensions (mm)



Part number examples by load

Load condition	Part number
10pF	RFX-32-16.0M50IY10
20pF	RFX-32-16.0M50IY20
30pF	RFX-32-16.0M50IY30
Series	RFX-32-16.0M50IYS

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