
Features

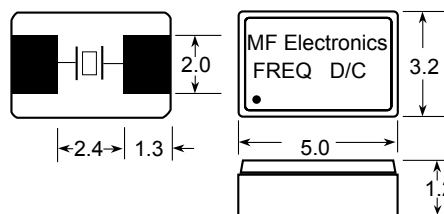
Small size - 5 x 3.2 mm
 Ceramic Package
 Wide Frequency & Stability Options
 IR Reflow Assembly Compatibility

Applications:

Mobile & Wireless Equipment
 Datacom Hubs/Switches/Routers
 Telecom Switching & Computers

Specifications

Frequency: 14.3 to 40 Mhz
 Tolerance: 50 or 100 ppm (@25 Deg C)
 Stability vs Temp: 50 or 100 ppm (Ref to 25 Deg C)
 Aging: 5 ppm per year, max.
 Shunt Capacitance: 7 pf max
 Drive Level: 10 uW to 100 uW
 Temperatures: Storage from -40 to +85 Deg C

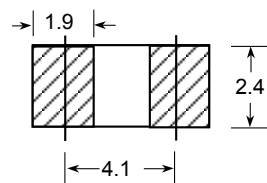


Dimensions are in mm
 All Tolerances are ± 0.2

Equivalent Series Resistance - Fundamental Mode

Frequency ESR, max
 (MHz) Ohms

14.3-15.9	100
16.0-29.9	70
30.0-40.0	50

XO2 Outline

Land Pattern
Part Numbering Description (Example: XO2-18-F-50-A-A-20.0-T)

Model	Load	Mode	Tolerance	Stability	Temperature Range	Frequency	Packaging
XO2	18=18pf 16=16pf S=Series 32=32pf	F=Fundamental	@ 25 C 50=50ppm 100=100ppm	Ref 25 C A=50ppm D=100ppm	A= -10 to 60 C	in MHz	T=Tape & Reel B=Bulk