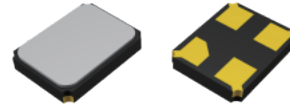


Quartz Crystal, Series FCX-1M

SMD Seam Sealed Crystals 1.6×1.2 mm

FEATURE

- Size 1.6×1.2, Ultra thin, thickness 0.35mm
- High precision and high frequency stability
- Designed for automatic mounting and reflow soldering
- RoHS Compliant / Pb Free



ELECTRICAL SPECIFICATIONS

Item	Specifications		
Frequency Range(MHz)	20 ~ 24	24 ~ 30	30 ~ 54
Mode	AT/Fundamental		
Load Capacitance (CL)	8pF, 10pF, 12pF, or Specify		
Frequency Tolerance(at 25°C)	±10ppm ~ ±30ppm or specify		
Operating Temperature Range	-20 ~ +70°C, -40 ~ +125°C or Specify		
Frequency Stability Over Operating Temperature Range	±10ppm ~ ±30ppm or specify		
Equivalent Series Resistance (ESR) max.	150Ω	100Ω	80Ω
Storage Temperature Range	-55 ~ +125°C		
Shunt Capacitance(C ₀)	3pF Max		
Driver Level (Typical)	1 ~ 200μW (50μW typical)		
Aging @25 °C 1st Year (Max)	±3ppm/year		

DIMENSION (mm)

