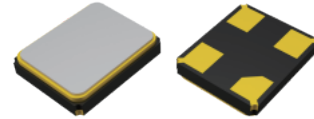


## Quartz Crystal, Series FCX-2M

### SMD Seam Sealed Crystals 2.5×2.0 mm

#### FEATURE

- Size 2.5×2.0, Ultra thin, thickness 0.55mm
- High precision and high frequency stability
- Excellent heat resistance and environmental characteristics
- Designed for automatic mounting and reflow soldering
- RoHS Compliant / Pb Free



#### ELECTRICAL SPECIFICATIONS

Item	Specifications	
Frequency Range(MHz)	12 ~ 24	24 ~ 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 ~ ±50ppm or specify	
Equivalent Series Resistance (ESR) max.	80Ω	60Ω
Storage Temperature Range	-55 ~ +125°C	
Shunt Capacitance(C <sub>0</sub> )	3pF Max	
Driver Level (Typical)	1 ~ 100μW (10μW typical)	
Aging @25 °C 1st Year (Max)	±3ppm/year max	

#### DIMENSION (mm)

