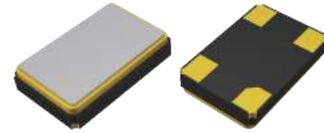


Quartz Crystal, Series FCX-5M

SMD Seam Sealed Crystals 5.0×3.2 mm

FEATURE

- Size 5.0×3.2, thickness 0.90mm
- 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)	8 ~ 12 12 ~ 48 40 ~ 60 60 ~ 100
Mode	AT/Fundamental AT/3 rd
Load Capacitance (CL)	8pF, 16pF, 20pF, 30pF, 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.	60Ω 45Ω 120Ω 80Ω
Storage Temperature Range	-55 ~ +125°C
Shunt Capacitance(C ₀)	5pF Max
Driver Level (Typical)	1 ~ 100μW (10μW typical)
Aging @25 °C 1st Year (Max)	±3ppm/year

DIMENSION (mm)

