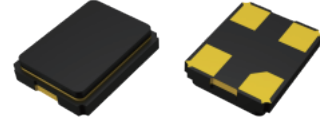


## Quartz Crystal, Series FCX-3G

### SMD Glass Sealed Ceramic Crystals 3.2×2.5 mm

#### FEATURE

- 4 pads SMD glass sealed crystal units
- 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 ~ 10      10 ~ 24      24 ~ 104
Mode	AT/Fundamental
Load Capacitance (CL)	8pF, 9pF, 10pF, 12pF, 18pF, 20pF, 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.	200Ω      80Ω      60Ω
Storage Temperature Range	-55 ~ +125°C
Shunt Capacitance(C <sub>0</sub> )	3pF Max
Driver Level (Typical)	1 ~ 100μW (50μW typical)
Aging @25 °C 1st Year (Max)	±3ppm/year max

#### DIMENSION (mm)

