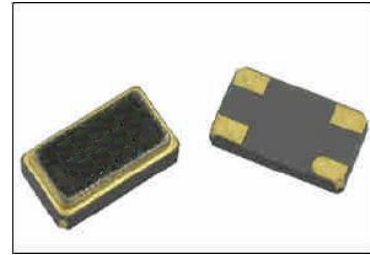


Quartz Crystal

SEAM SEALED CERAMIC 6X3.5MM Surface Mount Package

FEATURE

- Ultra thin, thickness 1.0mm
- Leadless type
- High precision characteristic covering up to high frequency range
- Automatic mounting
- Embossed taping specification
- Suitable for solder reflow



ELECTRICAL SPECIFICATIONS

Output Frequency Range	6 MHz ~ 100 MHz
Mode	See table 1
Frequency Tolerance (at 25°C)	±10ppm, ±20ppm, ±30ppm, or specify
Frequency Stability Over Operating Temperature Characteristics	±10ppm, ±20ppm, ±30ppm, or specify
Storage Temperature Range	-55 °C to +125 °C
Operating Temperature Range	-10 °C to +60 °C -20 °C to +70 °C or specify
Shunt Capacitance (C0)	3.5 pF Max
Driver Level (Typical)	100uW
Load Capacitance (CL)	Series, 16pF, 20pF, 30pF, 32pF, or specify
Equivalent Series Resistance ESR (Ω)	See table 1
Aging @25 °C 1 st year (Max)	±3ppm, ±5ppm/year
Shock Resistance	Drop test of 3 times on 2mm stainless plate from 75cm height

Frequency and Equivalent Series Resistant

Frequency Range	E.S.R. (Ω)	
6.000 MHz~10.000 MHz	70 Max	Fundamental /AT
10.000 MHz~40.000 MHz	40 Max	Fundamental /AT
30.000 MHz~100.000 MHz	60 Max	Third Overtone/AT

