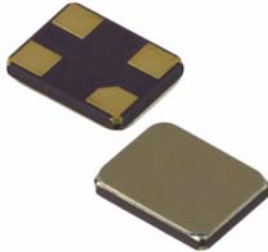


SMD Crystal Resonators

JX1B Series



4 Pad Version 1.2×1.0 mm

- High precision and high frequency stability
- High reliable environmental performance
- Reflow soldering temperature: 260°C max
- Extremely small package
- RoHS Compliant /Pb Free.

Standard Specification

PARAMETERS	Sign	SPECIFICATION
Frequency Range	F0	24~54MHz
Oscillation Mode		Fundamental
Loading Capacitance	CL	6pF to 32pF / Series available
Drive Level	DL	10μW (100μW Max)
Frequency Tolerance	FL	±10ppm, ±15ppm, ±20ppm, or specify
Equivalent Resistance	RR	See Below
Frequency Stability	TC	±10ppm, ±15ppm, ±20ppm, ±30ppm, or specify
Operating Temp. Range:	T _{OPR}	-10~+60°C to -30~+105°C
Storage Temp. Range:	T _{STG}	-55~+125°C

○ All specification subject change without notice.

ESR (Equivalent Series Resistance)

24-25.999MHz	AT CUT/FUND.	150Ω max.
26-39.999MHz	AT CUT/FUND.	120Ω max.
40-54.000MHz	AT CUT/FUND.	100Ω max.

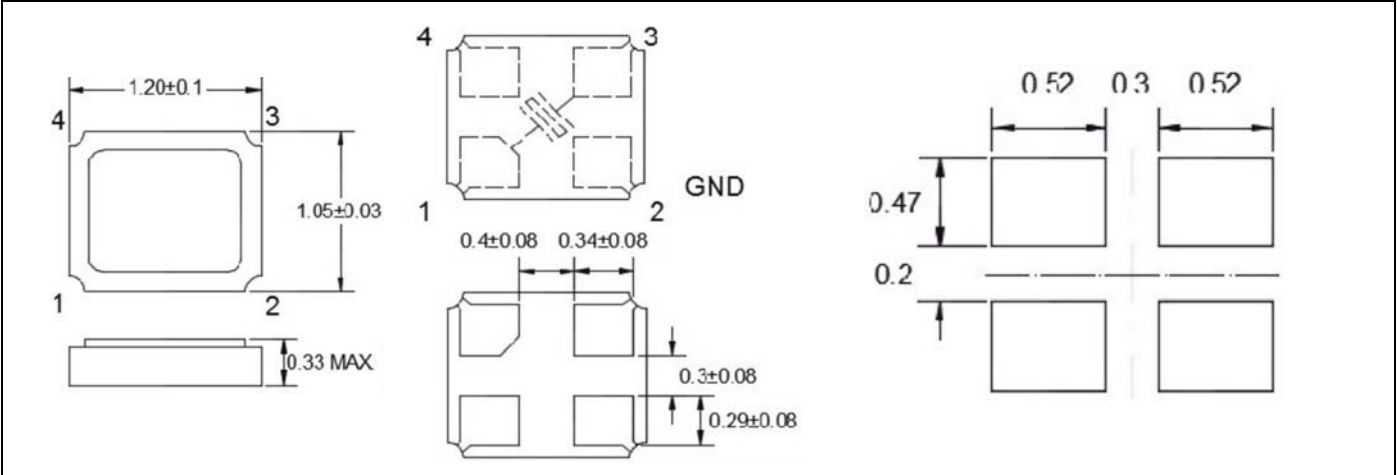
Frequency Stability vs. Temperature

Operating Temperature Range	Frequency Stability				
	±10ppm	±15ppm	±20ppm	±30ppm	±50ppm
-10°C~+60°C	O	O	O	O	O
-20°C~+70°C	Δ	O	O	O	O
-40°C~+85°C	×	Δ	O	O	O
-30°C~+105°C	×	Δ	Δ	O	O

O: Available
Δ: Conditional
×: Not available

■ Dimensions (mm)

■ Solder Pad Layout (mm)



■ Part Numbering guide

e.g. JX1B-37M400-10B10-B3

Logo	Quartz Crystal Resonator	Series	Center Freq.	Freq. Tolerance	Operating Temp. Range	Freq. Stability	Load Capacitance	Extra Code			
J	X	1B	-	37M400	-	10	B	10	-	B	3

■ Taping Specification

