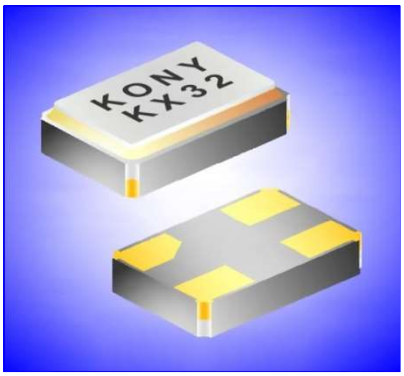
SPECIFICATION OF CRYSTAL UNIT

KX32 Series

Quartz Crystal Unit



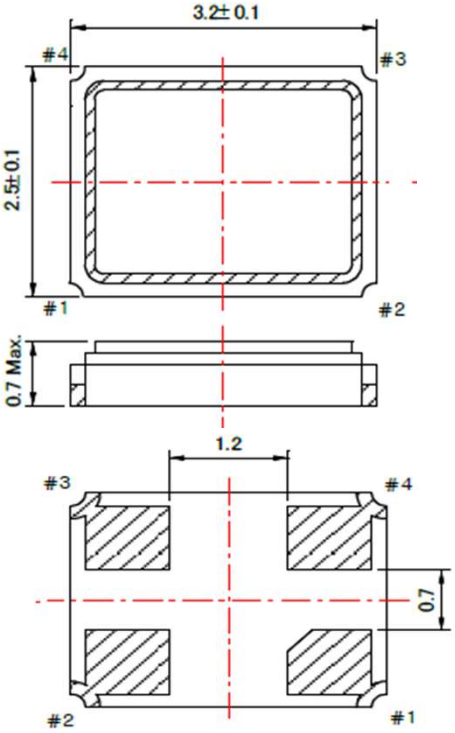
Features

-. High Frequency Range
-. Miniature SMD Crystal
-. Seam Sealed
-. AT-cut

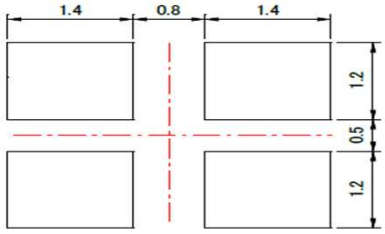
Options

-. Tapping & Reel
-. Contour size : 3.2mm X 2.5mm

Dimension(mm)



Recommended Land pattern



Standard Specification

(Nominal frequency referenced to frequency at 25 ℃±2 ℃)

PARAMETERS	KX32
Frequency Range	8.0000MHz ~ 54.0000MHz
Frequency Tolerance @ 25°C±3°C	± 20ppm (Typ.)
Stability Over Operating Temperature Range (in reference to 25°C)	± 30ppm (Typ.)
Operating Temperature Range	-40 °C ~ 85 °C -40 °C ~ 125 °C (50ppm)
Equivalent Series Resistance (ESR)	∗See Table
Shunt Capacitance	5pF maximum
Load Capacitance	10pF ~ Series
Drive Level	25μW (200μW max.)
Aging per year	±3ppm
Insulation Resistance	500 Megaohms Minimum at 100V_{DC}
•Tighter tolerances, stabilities & operating temperature ranges available	

Nominal Frequency & ESR

Frequency Range (MHz)	Mode	Max. ESR(Ω)
8.000~ 9.999	Fundamental	600
10.000~11.999		300
12.000~15.999		100
16.000~20.999		60
21.000~54.000		40

All specifications are subject to change without notice

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