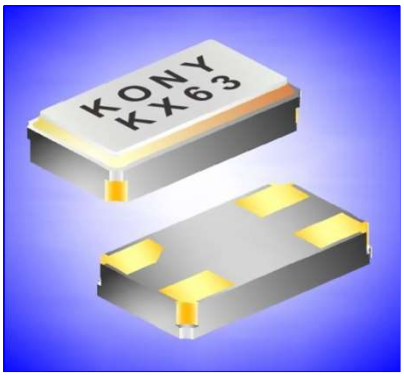
SPECIFICATION OF CRYSTAL UNIT

KX63 Series

Quartz Crystal Unit



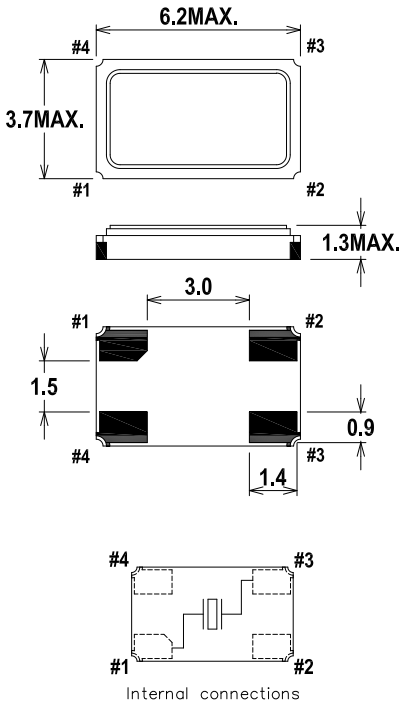
Features

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

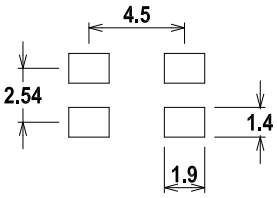
Options

-. Tapping & Reel
-. Contour size : 6.0mm X 3.5mm

Dimension(mm)



Recommended Land pattern



Standard Specification

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

PARAMETERS	KX63
Frequency Range	8.0000MHz ~ 100.0000MHz
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	7pF 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 ~ 49.152	Fundamental	60
40.000 ~ 100.000	3rd Overtone	90

All specifications are subject to change without notice

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