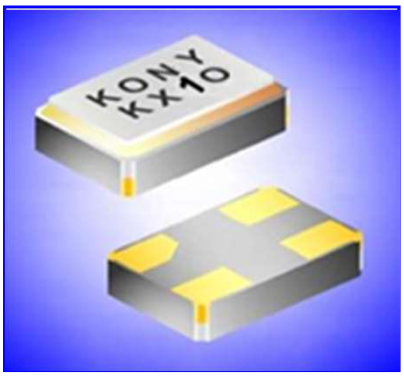
SPECIFICATION OF CRYSTAL UNIT

KX10 Series

Quartz Crystal Unit



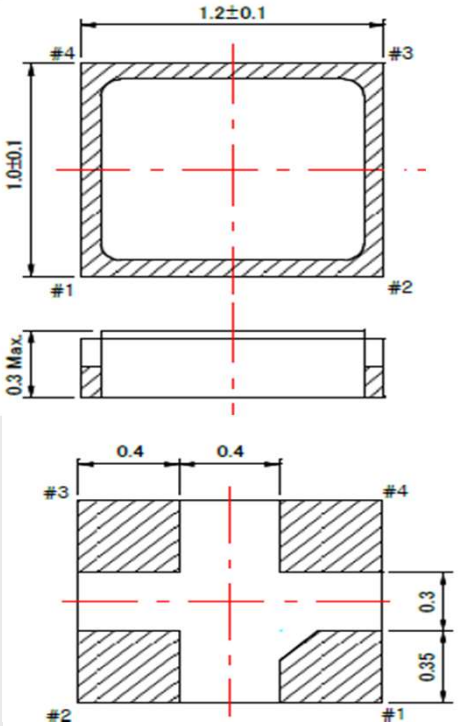
Features

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

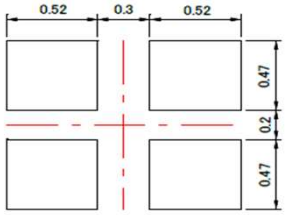
Options

-. Tapping & Reel
-. Contour size : 1.2mm X 1.0mm

Dimension(mm)



Recommended Land pattern



Standard Specification

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

PARAMETERS	KX10
Frequency Range	26.0000MHz ~ 60.0000MHz
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
Equivalent Series Resistance (ESR)	∗See Table
Shunt Capacitance	3pF maximum
Load Capacitance	8pF ~ Series
Drive Level	10μW (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)
26.000~32.000	Fundamental	150
32.001~48.000		100
48.001~60.000		60

All specifications are subject to change without notice

ONELIGHT(Head office) 618-1 Namchon-Dong , Namdong-Gu, Incheon, Korea / Tel :+82-32-899-8331,8341 / Fax :+82-32-899-8399, Home page : http://www.onelight.co.kr

ONELIGHT ELECTRONICS CO.,LTD