

### FEATURE

- Ultra thin, thickness 1.0mm
- Leadless type
- High precision characteristic covering up to high frequency range
- Designed for automatic mounting and reflow soldering
- Embossed taping specification

### APPLICATIONS

- The best choice of Bluetooth wireless communication sets, DSN, PDA and mobile phone

### ELECTRICAL SPECIFICATIONS

Output Frequency Range	12.000 MHz to 40.000 MHz
Mode	AT/Fundamental
Frequency Tolerance (at 25°C)	±10ppm , ±30ppm or specify
Frequency Stability Over Operating Temperature Characteristics	±10ppm , ±30ppm or specify
Storage Temperature Range	-55 °C to + 125°C
Operable Temperature Range	-20 °C to + 70 °C/-40 °C to + 85 °C
Shunt Capacitance (C <sub>0</sub> )	5.0 pF Max
Driver Level (Typical)	10μW~100μW
Load Capacitance(C <sub>L</sub> )	Series, 16pF, 20pF, 30pF, 32pF, or specify
Equivalent Series Resistance ESR	See Table 1*
Aging @25°C 1 <sup>st</sup> year (Max)	±3ppm/year

**REMARK:** SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. PLEASE CONFIRM WITH OUR SALES ENGINEER.

### Equivalent Series Resistance ESR

Frequency Range	E.S.R. (Ω)	Mode
12.000 MHz ~ 23.999 MHz	80 Max	Fundamental / AT
24.000 MHz ~ 48.000 MHz	60 Max	Fundamental / AT

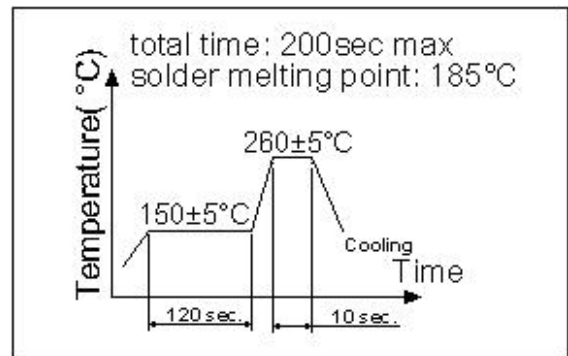
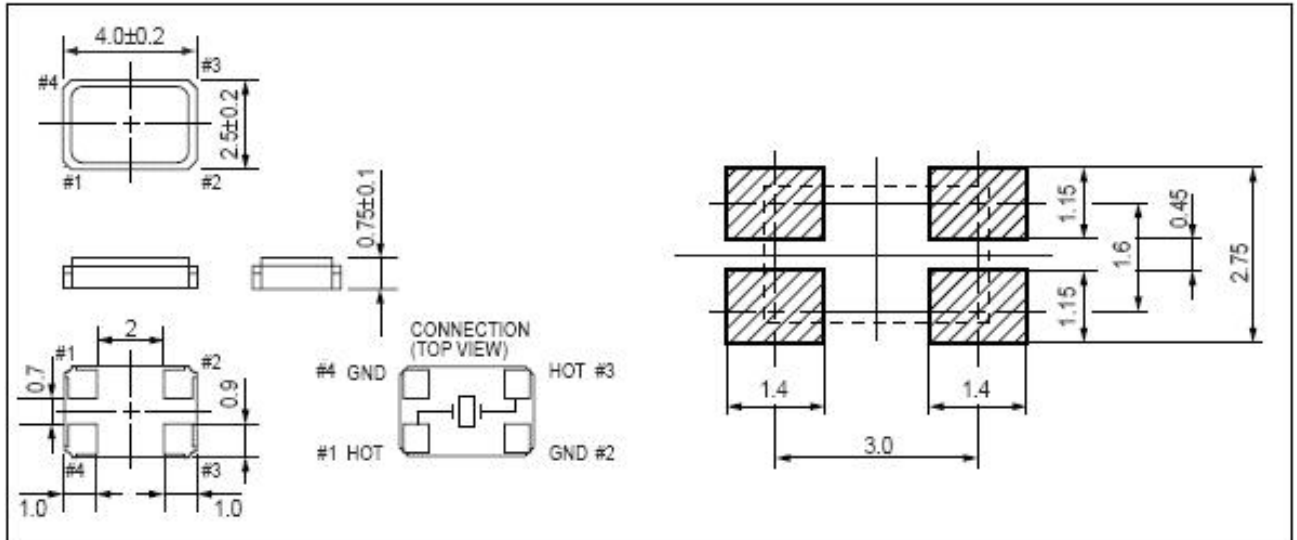
# QUARTZ CRYSTAL

SERIES 6U, SEAM SEALED CERAMIC 4 X 2.5MM SMD



## Dimension

## Reference Land Pattern



## PART NUMBER

SJK-6U-	16 Frequency e.g. 16: $\pm 16$ MHz	9 Load capacitance e.g. 9: 9 pF s: series	10 Frequency tolerance e.g. 10: $\pm 10$ ppm	80 E.S.R. max e.g. 80: $80 \Omega$ max	A Operating temperature range A: $-10$ - $60^\circ\text{C}$ B: $-20$ - $70^\circ\text{C}$ C: $-40$ - $85^\circ\text{C}$	15 Temperature stability: e.g. 15: $\pm 15$ ppm
---------	---	---	---	---	---	--