

Quartz Crystal Unit Series

KLS14-SMD-7U Quartz Crystal Unit 3.2x2.5mm Series

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

ELECTRICAL SPECIFICATIONS

- Output Frequency Range: 12.000 MHz ~ 48.000 MHz
- Mode: See table 1
- 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
- Operating Temperature Range: -10°C to + 60°C
-20°C to + 70°C
-40°C to + 85°C

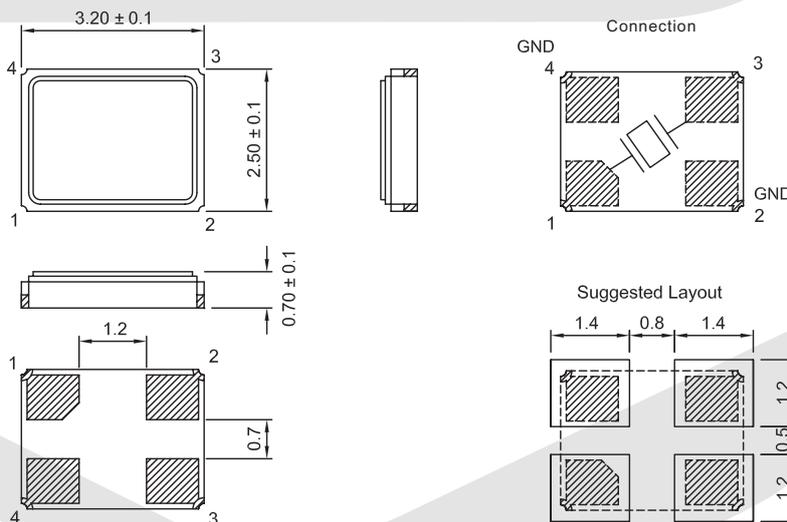
- Shunt Capacitance (C₀): 5.0 pF Max
- Driver Level (Typical): 10μW ~ 100μW
- Load Capacitance (C_L): Series, 16pF, 20pF, 30pF, 32pF, or specify
- Equivalent Series Resistance ESR (Ω): See table 1
- Aging @ 25°C 1st year (Max): ± 3ppm/year
- Shock Resistance: Drop test of 3 times on 2mm stainless plate from 75cm height

Equivalent Series Resistant

FrequencyRange	E.S.R (Ω)	Mode
12 ~ 24MHz	80Ω Max	AT / Fundamental
24 ~ 48MHz	60Ω Max	AT / Fundamental

REMARK: specifications subject to change without prior notice.
please confirm with our sales engineer.

Dimensions (mm)



ORDER INFORMATION

KLS14-SMD-7U-XXXX - XX - XX-XX

- Part Number
- SMD-7U: SMD Quartz Crystal Unit 3.2x2.5mm Series
- Frequency
- Temperature Stability
- Frequency Tolerance
- Load Capacitance