

SMD kHz Quartz Crystal Resonator

1SQ327-Series (1610)

■ Features

- Size (L x W) 1.65 x 1.05 mm, Height (Max.) 0.50 mm

■ Applications

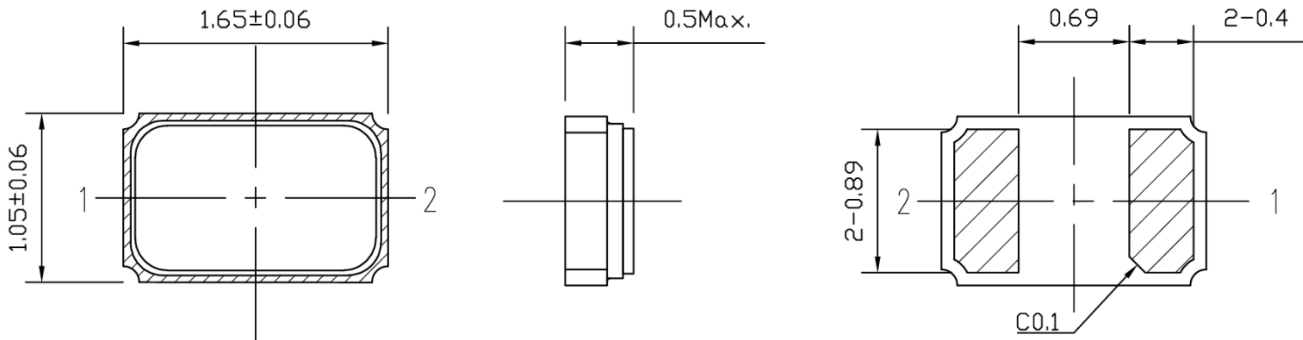
- Wearable equipment
- Low consumption microcomputer sub clock
- Small modules for consumer and industrial equipment, etc.



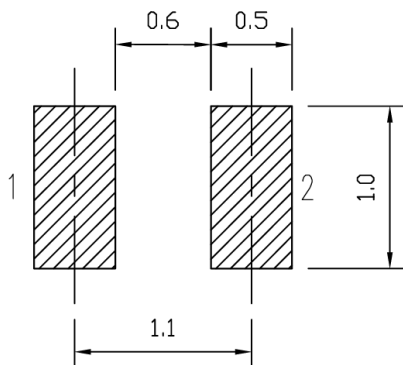
■ General Specifications

#	Items	Parameters
1	Nominal Frequency	32.768 kHz
2	Oscillation mode	Fundamental
3	Frequency tolerance at 25 °C	±10, ±15, ±20 ppm or specify
4	Operating temperature range	-40 °C ~ +85 °C
5	Equivalent series resistance	90kΩ Max.
6	Turnover Temperature	25±5 °C
7	Freq. vs Temp. Coefficient	-0.04 ppm/ °C ² Max.
8	Drive level	0.5 μW Max.
9	Insulation resistance	500 MΩ Min. at DC 100V
10	Load capacitance	7, 9, 12.5 pF or specify
11	Shunt capacitance (C0)	1.3 pF Typ.
12	Aging at 25 °C	±3 ppm / year

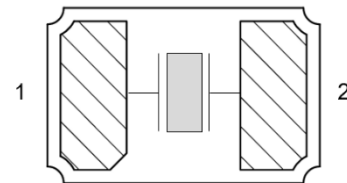
■ Package Dimensions (Unit: mm)



■ Recommended Land Pattern



■ Pad Functions



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