

# CRYSTAL UNIT

## XTL57



### Applications

- Bluetooth / Wireless LAN
- Wearable Devices
- LTE / SAS

### Features

- Ultra thin / Dimensions (3.2×2.5×0.7)
- Ceramic Package
- High Reliability and High Stability
- Tight Tolerance and Stability
- Reflow Soldering / Emboss Taping

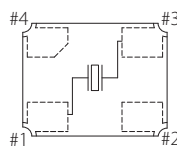
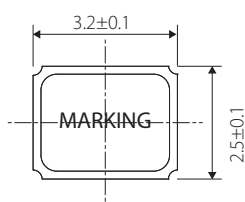
### Specifications



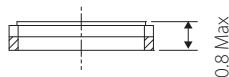
Model	XTL57	
Nominal frequency range	8.000~54.000MHz	
Crystal cut	Fundamental [AT-cut]	
Storage temperature range	-40~+90°C	
Operating temperature range	-30~+85°C	-40~+105°C
Frequency temperature characteristics(Ref. to +25°C)	$\pm 15 \times 10^{-6}$	$\pm 30 \times 10^{-6}$
Frequency tolerance (at +25°C)	$\pm 15 \times 10^{-6}$	
Equivalent series resistance	400Ω: 8.000~9.799 MHz 150Ω: 9.800~15.999 MHz 80Ω: 16.000~18.999 MHz 60Ω: 19.000~29.999 MHz 40Ω: 30.000~54.000 MHz	
Load capacitance	8,10,12 pF or specify	
Shunt capacitance	3pF max.	
Level of drive	10 μW (100 μW max.)	

Package quantity: 3,000pcs max./Reel.

### Outline and Dimensions [unit:mm]



Pin Connection	
#1,#3	Crystal
#2,#4	GND



Land Pattern(REFERENCE)

