

CRYSTAL UNIT

XTL50



Applications

- Multimedia devices / Bluetooth / Wireless LAN
- Sensor / Camera
- Automotive / TPMS

Features

- Ultra thin / Dimensions (2.0×1.6×0.55)
- Ceramic Package
- High Reliability and High Stability
- Compliant products with AEC-Q200

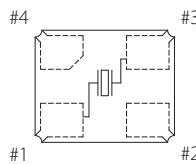
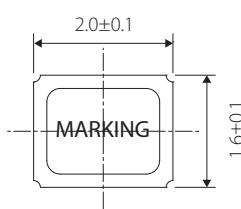
Specifications



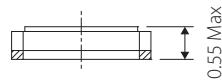
Model	XTL50
Nominal frequency range	16.000～60.000 MHz
Crystal cut	Fundamental [AT-cut]
Storage temperature range	-40～+125°C
Operating temperature range	-30～+85°C
Frequency temperature characteristics(Ref. to +25°C)	±15×10 ⁻⁶
Frequency tolerance (at +25°C)	±15×10 ⁻⁶
Equivalent series resistance	150Ω: 16.000～19.999 MHz 100Ω: 20.000～29.999 MHz 80Ω: 30.000～35.999 MHz 50Ω: 36.000～60.000 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)

