

# CRYSTAL UNIT WITH THERMISTOR

## XTL5C



### Applications

- Mobile Communication

### Features

- Dimensions (1.6×1.2×0.65)
- Crystal Unit with Thermistor
- Reflow compatible
- High reliability

### Specifications



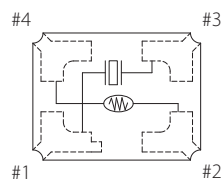
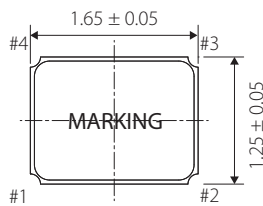
Model	XTL5C
Frequency range	38.400MHz~ 76.800MHz
Nominal frequency (MHz)	38.400, 52.000, 76.8000
Frequency tolerance (at +25°C)	± 10 X 10 <sup>-6</sup>
Temperature tolerance (Ref. to +25°C)	± 12 X 10 <sup>-6</sup>
Operating temperature range	-40~+85°C
Storage temperature range	-40~+105°C
Drive level	10uW(200uW max.)
Load capacitance	7pF, 8pF, 9pF
Equivalent series resistance	50 Ω : 38.4000~52.000MHz
	30 Ω : 52.001~76.8000MHz
Aging	± 3ppm / year Max.

### Thermistor

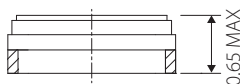
Resistance	100KΩ ± 1%	22KΩ ± 1%
B-Constant	4250K ± 1%	3380K ± 1%

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

### Outline and Dimensions [unit:mm]



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



Land Pattern(REFERENCE)

