

CRYSTAL UNIT WITH THERMISTOR

XTL5C



Applications

- Mobile Communication
- Automotive

Features

- Dimensions (1.6×1.2×0.65)
- Crystal Unit with Thermistor
- Conforms to AEC-Q200
- High reliability

Specifications



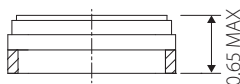
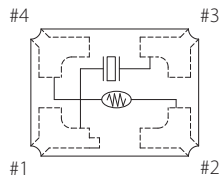
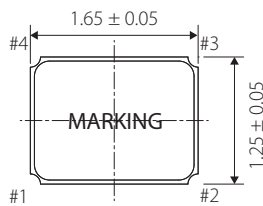
Model	XTL5C
Frequency range	38.400MHz~ 76.800MHz
Nominal frequency (MHz)	38.400, 76.8000
Frequency tolerance (at +25°C)	$\pm 10 \times 10^{-6}$
Temperature tolerance (Ref. to +25°C)	$\pm 15 \times 10^{-6} \sim \pm 50 \times 10^{-6}$
Operating temperature range	-40~+125°C
Storage temperature range	-40~+125°C
Drive level	10uW(200uW max.)
Load capacitance	7pF, 8pF, 9pF
Equivalent series resistance	50Ω : 38.4000MHz
	30Ω : 76.8000MHz
Aging	± 3 ppm / year Max.

Thermistor

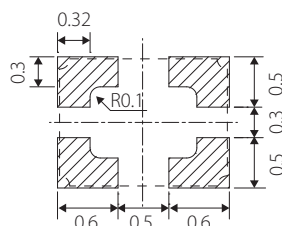
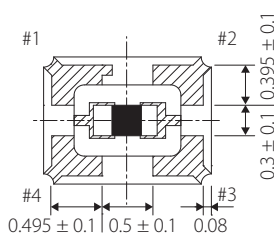
Resistance	100KΩ ± 1%	22KΩ ± 1%
B-Constant	4250K ± 1%	3380K ± 1%

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

Outline and Dimensions [unit:mm]



Land Pattern(REFERENCE)



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