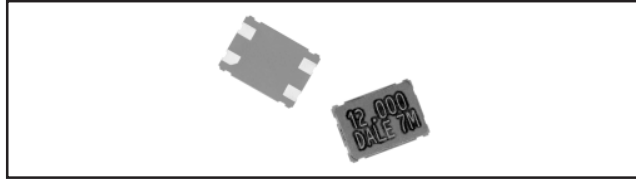




Quartz Crystals

Surface Mount 9.8304MHz to 70.0MHz



FEATURES

- Miniature package.
- Economical cost.

EQUIVALENT SERIES RESISTANCE

FREQUENCY RANGE (MHz)	MODE OF VIBRATION	ESR MAX. (Ohms)
9.8304 - 15.999	Fundamental	60
16.0 - 42.0	Fundamental	40
42.1 - 70.0	3rd Overtone	60

STANDARD SPECIFICATIONS

Operating Temperature Range: - 10°C to + 60°C.

Frequency Range: 9.8304MHz to 70.0MHz.

Frequency Tolerance: ± 50 PPM @ + 25°C.

Temperature Stability: ± 50 PPM.

Storage Temperature: - 40°C to + 85°C.

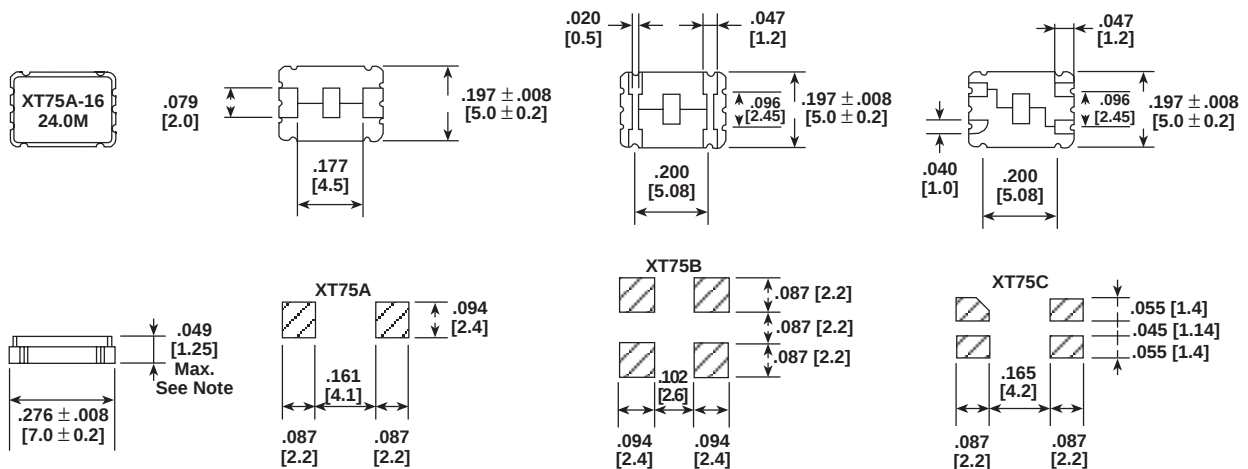
Load: 10 to 32pF or series resonant.

Drive Level: 0.1mW maximum.

Shunt Capacitance: 5pF maximum.

Tape and Reel: 1000 pieces.

DIMENSIONAL CONFIGURATIONS [Numbers in brackets indicate millimeters]



NOTE: For 9.8304 - 11.999MHz, height is 1.7mm maximum.
12MHz and above, height is 1.25mm maximum.

Recommended Solder Pad Layouts

HOW TO ORDER

XT75
MODEL

A
PAD LAYOUT
A, B or C

- 18
LOAD
Blank = Series
- 18 = 18pF Standard
- 32 = 32pF
- 16 = 16pF

12M
FREQUENCY/MHz