



Quartz Crystals

3.579MHz to 66.0MHz



FEATURES

- Low profile.
- Hermetically sealed.
- Tape and reel packaging.

STANDARD ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (MHz)	MODE OF VIBRATION	ESR MAX. (Ohms)
3.579 - 3.999	"AT" Fundamental	150
4.0 - 4.499	"AT" Fundamental	150
4.5 - 4.999	"AT" Fundamental	120
5.0 - 5.999	"AT" Fundamental	120
6.0 - 6.999	"AT" Fundamental	100
7.0 - 7.999	"AT" Fundamental	90
8.0 - 8.999	"AT" Fundamental	80
9.0 - 9.999	"AT" Fundamental	60
10.0 - 12.999	"AT" Fundamental	50
13.0 - 19.999	"AT" Fundamental	40
20.0 - 30.0	"AT" Fundamental	40
30.001 - 66.0	"AT" 3rd Overtone	80

STANDARD SPECIFICATIONS

Operating Temperature Range: 0°C to + 70°C.
(- 40°C to + 85°C optional).

Frequency Range: 3.579MHz to 66.0MHz.

Frequency Tolerance: $\pm 50\text{ppm}$ @ + 25°C $\pm 3^\circ\text{C}$ (typical).

Temperature Stability: $\pm 50\text{ppm}$ (typical).

Storage Temperature: - 40°C to 85°C.

Mode of Vibration: "AT" Fundamental, or "AT" 3rd Overtone.

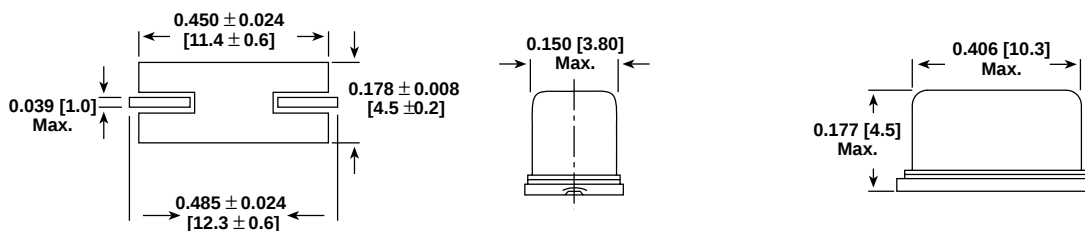
Load: 10 to 32pF or series resonant.

Drive Level: 1mW maximum.

Shunt Capacitance: 7pF maximum.

Seal: Resistance weld.

DIMENSIONS in inches [millimeters]



ORDERING INFORMATION

XT49M
MODEL

R
OTR

Blank = Standard
R = - 40°C to + 85°C

- 20
LOAD

Blank = Series
- 20 = 20pF
- 30 = 30pF
- 32 = 32pF

20M
FREQUENCY/MHz