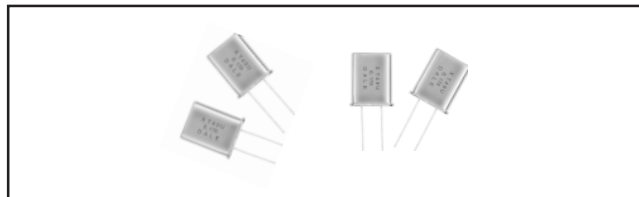


Quartz Crystals

1.8432MHz to 60.0MHz



FEATURES

- 3rd lead option.
- Insulating sleeve option.
- Hermetically sealed.

STANDARD ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (MHz)	MODE OF VIBRATION	ESR MAX. (Ohms)
1.8432 - 1.999	"AT" Fundamental	650
2.0 - 2.999	"AT" Fundamental	500
3.0 - 3.499	"AT" Fundamental	250
3.5 - 3.999	"AT" Fundamental	150
4.0 - 4.999	"AT" Fundamental	100
5.0 - 5.999	"AT" Fundamental	80
6.0 - 7.999	"AT" Fundamental	50
8.0 - 12.999	"AT" Fundamental	35
13.0 - 30.999	"AT" Fundamental	25
31.0 - 60.0	"AT" 3rd Overtone	40

STANDARD SPECIFICATIONS

Operating Temperature Range: - 20°C to + 70°C.
(- 40°C to + 85°C optional).

Frequency Range: 1.8432MHz to 60.0MHz.

Frequency Tolerance: $\pm 30\text{PPM}$ @ + 25°C $\pm 3^\circ\text{C}$ (typical).

Temperature Stability: $\pm 30\text{PPM}$ (typical).

Storage Temperature: - 40°C to 85°C.

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

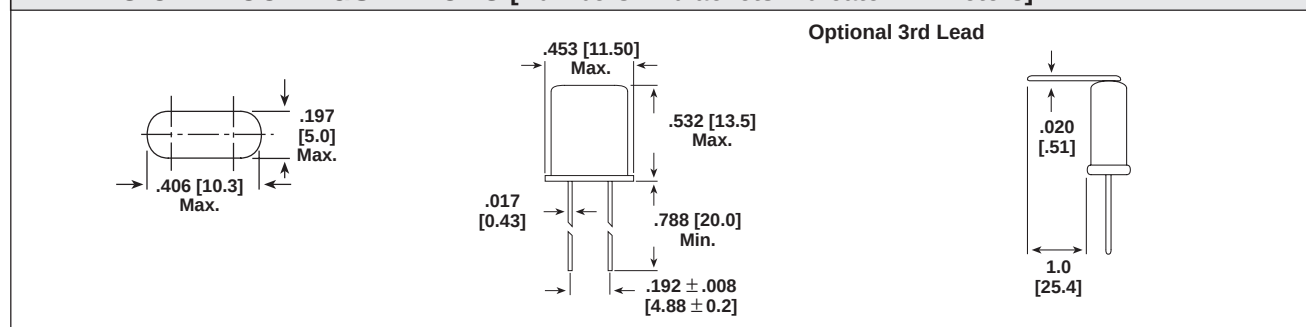
Load: 10 to 32pF or series resonant.

Drive Level: 1mW maximum.

Shunt Capacitance: 7pF maximum.

Seal: Resistance weld.

DIMENSIONAL CONFIGURATIONS [Numbers in brackets indicate millimeters]



HOW TO ORDER

XT49U MODEL	R OTR	- 20 LOAD	W3 OPTIONS	4M FREQUENCY/MHz
	Blank = Standard R = - 40°C to + 85°C	Blank = Series - 16 = 16pF - 20 = 20pF - 30 = 30pF - 32 = 32pF	Blank = Standard W3 = 3rd Lead SL = Sleeve SP = Spacer CT = Cut Leads	