

## Quartz Crystals

Low Profile 3.579MHz to 66.0MHz



### FEATURES

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

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:** ± 50PPM @ + 25°C ± 3°C (typical).

**Temperature Stability:** ± 50PPM (typical).

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

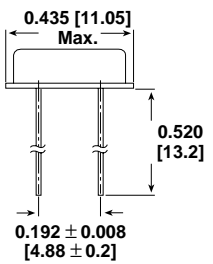
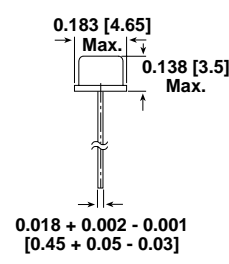
**Mode of Vibration:** "AT" Fundamental, or "AT" 3rd Overtone.

**Load:** 10 to 32pF or series resonant.

**Drive Level:** 1mW maximum.

**Shunt Capacitance:** 7pF maximum.

**Seal:** Resistance weld.

DIMENSIONS in inches [millimeters]	
	

ORDERING INFORMATION				
XT49S MODEL	R OTR	- 20 LOAD	SP OPTIONS	12M FREQUENCY/MHz
	Blank = Standard R = - 40°C to + 85°C	Blank = Series - 16 = 16pF - 20 = 20pF Standard - 30 = 30pF - 32 = 32pF	Blank = Standard SP = Spacer CT = Cut Leads SL = Sleeve	