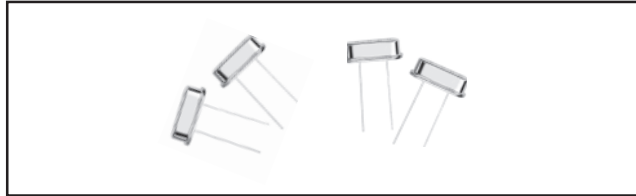


Quartz Crystals

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. (Contact factory for extended temperature range.)

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.

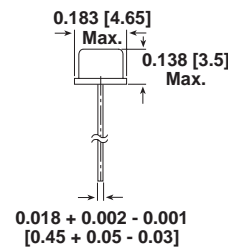
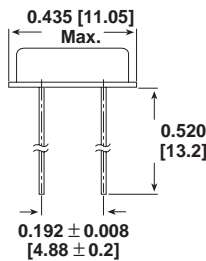
Load: 10 to 32pF or series resonant.

Drive Level: 1mW maximum.

Shunt Capacitance: 7pF maximum.

Seal: Resistance weld.

DIMENSIONAL CONFIGURATIONS [Numbers in brackets indicate millimeters]



HOW TO ORDER

XT49S
MODEL

- 20
LOAD

Blank = Series
 - 16 = 16pF
 - 20 = 20pF Standard
 - 30 = 30pF
 - 32 = 32pF

SP
OPTIONS

Blank = Standard
 SP = Spacer
 CT = Cut Leads
 SL = Sleeve

TR
PACKAGING

Blank = Bulk
 TR = Tape and Reel

12M
FREQUENCY/MHz