

Model XT49ML

Vishay Dale



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 - 4.999	"AT" Fundamental	200
5.0 - 5.999	"AT" Fundamental	150
6.0 - 7.999	"AT" Fundamental	120
8.0 - 8.999	"AT" Fundamental	90
9.0 - 9.999	"AT" Fundamental	80
10.0 - 14.999	"AT" Fundamental	70
15.0 - 15.999	"AT" Fundamental	60
16.0 - 23.999	"AT" Fundamental	50
24.0 - 30.0	"AT" Fundamental	40
30.001 - 66.0	"AT" 3rd Overtone	100

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.

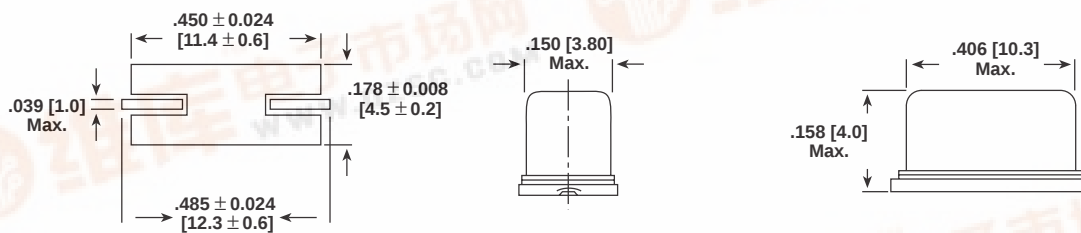
Load: 10 to 32pF or series resonant.

Drive Level: 1mW maximum.

Shunt Capacitance: 7pF maximum.

Seal: Resistance weld.

DIMENSIONAL CONFIGURATIONS [Numbers in brackets indicate millimeters]



HOW TO ORDER

XT49ML
MODEL

- 20
LOAD

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

PACKAGING

Blank = Bulk
TR = Tape and Reel

20M
FREQUENCY/MHz