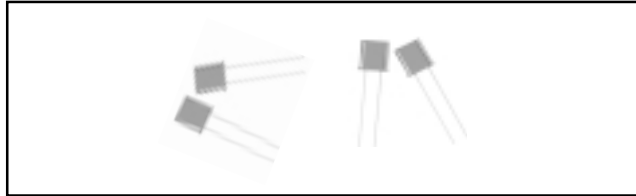




Quartz Crystals

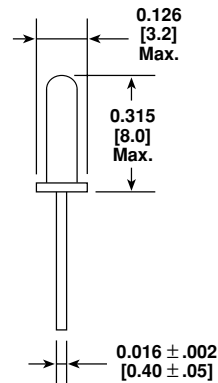
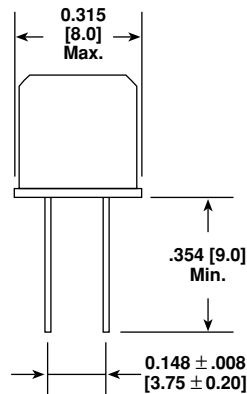
10MHz to 225.0MHz

**FEATURES**

- Miniature package.
- Wide frequency range.

STANDARD ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (MHz)	MODE OF VIBRATION	ESR MAX. (Ohms)
10.0 - 10.999	Fundamental	60
11.0 - 45.0	Fundamental	40
45.1 - 134.999	3rd Overtone	40
135.0 - 225.0	5th Overtone	100

STANDARD SPECIFICATIONS**Operating Temperature Range:** - 10°C to + 60°C.**Frequency Range:** 10MHz to 225.0MHz.**Frequency Tolerance:** ± 30 ppm.**Temperature Stability:** ± 50 ppm.**Storage Temperature:** - 40°C to 85°C.**Load:** 10 to 32pF or series resonant.**Drive Level:** 0.1mW maximum.**Shunt Capacitance:** 5pF maximum.**DIMENSIONS** in inches [millimeters]**HOW TO ORDER****XTUM1**
MODEL**-18**
LOAD**20M**
FREQUENCY/MHz

Blank = Series
- 32 = 32pF
- 18 = 18pF Standard