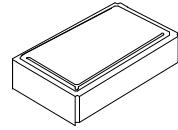




Pletronics, Inc.

19013 36th Ave. West • Suite H • Lynnwood, WA 98036, USA

SM11T Crystal



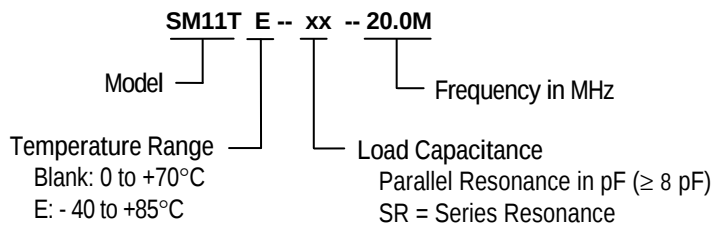
- 4 Pad 5x3.2mm Surface Mount Crystal
(Metal Cover Seam Sealed to Ceramic Base)

12.000 MHz – 32.000 MHz

Standard Specifications

Calibration Frequency Tolerance at 25°C	± 30 PPM is standard, tighter tolerances available
Operating Temperature Range (OTR)	0 to +70°C is standard, but can be extended to -40 to +85°C
Frequency Stability (FS) over OTR	± 50 PPM is standard, tighter tolerances available
Drive Level	50 nW is standard, customer may specify
Aging at 25°C	± 5 PPM maximum

Part Numbering Guide



ESR Values

Oscillation Mode	Frequency Range (MHz)	Maximum ESR (Ohms)
Fundamental	12.000 – 19.999	80
AT Cut	20.000 – 32.000	50

Consult factory for lower ESR

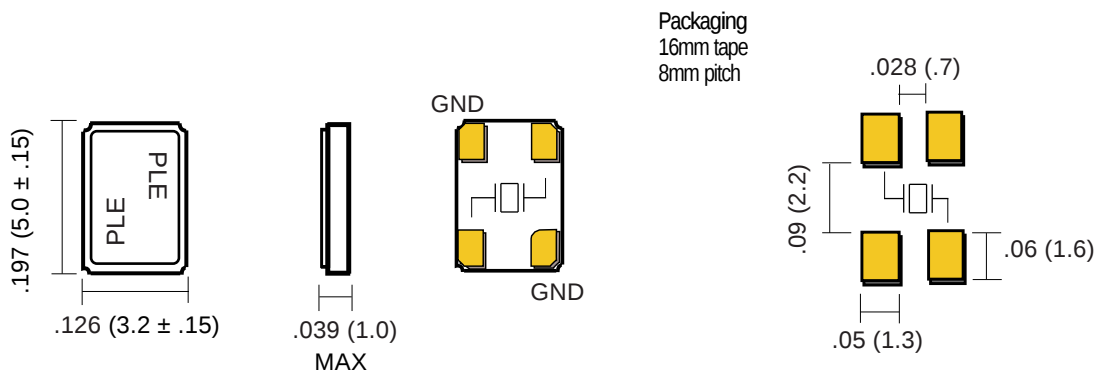
Consult factory for available frequencies and specs.
Not all options available for all frequencies. A special part number may be assigned.

Mechanical: inches (mm)

not to scale

Solder Pads

Due to part size and factory abilities, part marking may vary from lot to lot and may contain our part number or an internal code.



Feb 2002