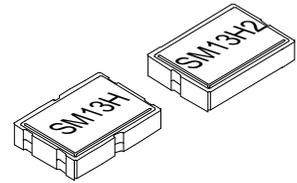




Pletronics, Inc.

19013 36th Ave. W, Suite H • Lynnwood, WA 98036 USA
Manufacturer of High Quality Frequency Control Products

SM13H, SM13H2 Crystal



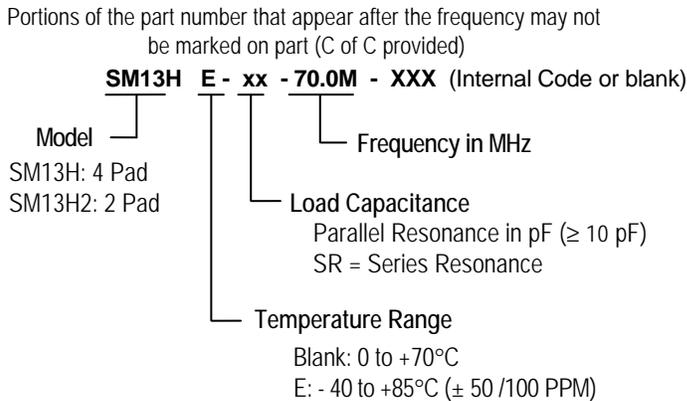
- 2 or 4 Pad 7x5mm Surface Mount Crystal (Ceramic Cover / Ceramic Base)
- SM13H Solder Pad Compatible with our SM13T

9.000 MHz – 120.000 MHz

Standard Specifications

Calibration Frequency Tolerance at 25°C	± 50 PPM
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, ± 100 PPM at extended temperature range
Drive Level	100 mW is standard, customer may specify
Aging at 25°C	± 5 PPM maximum

Part Numbering Guide



ESR Values

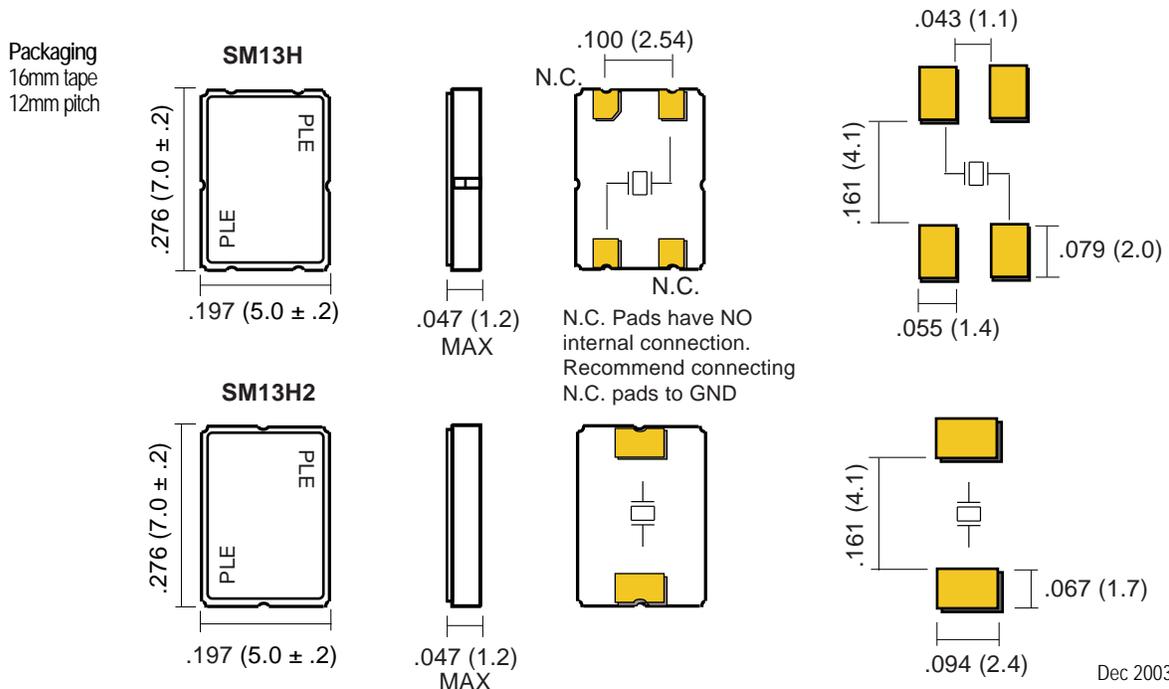
Oscillation Mode	Frequency Range (MHz)	Maximum ESR (Ohms)
Fundamental AT Cut	9.000 – 12.000	80
3rd Overtone AT Cut	12.001 – 40.000	50
3rd Overtone AT Cut	25.001 – 120.000	80

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.



Dec 2003