



Pletronics, Inc.

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

SM26S Watch Crystal



- 2 Lead Surface Mount Tuning Fork Watch Crystal
- 2 x 2 x 6mm Axial Lead

32.768 kHz

Standard Specifications

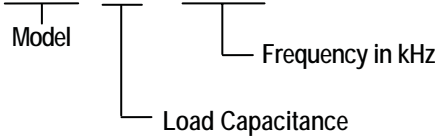
Calibration Frequency Tolerance ± 20 PPM at 25°C std
 Operating Temperature Range (OTR) -40 to +85°C
 Storage Temperature Range -55 to +85°C

Frequency Stability over OTR
 Calculate as: Frequency shift from 25°C to T°C in PPM
 = - 0.035 x (T - 25)² ± 10%

Load Capacitance 12.5 pF std, 6 pF available
 Equivalent Series Resistance (ESR) 50 k ohm typ, 70 k ohm max
 Drive Level 1µW maximum
 Aging at 25°C for the 1st year ± 3 PPM maximum
 Motional Capacitance 2.1 fF typical
 Static Capacitance 0.9 pF typical

Part Numbering Guide

SM26S - 12.5 - 32.768K - XXX (Internal Code or blank)

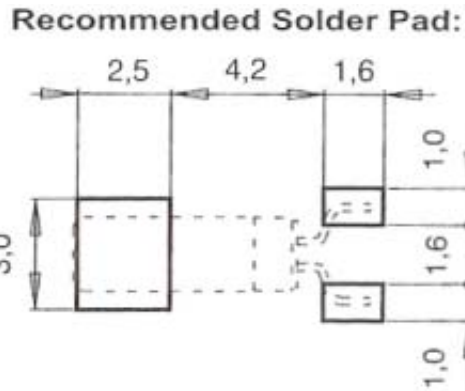
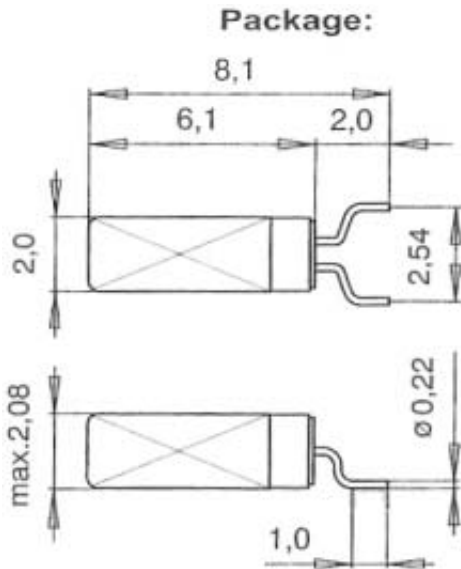


Packaging
 16mm tape
 4mm pitch

Consult factory for available specifications.
 A special part number may be assigned.

Mechanical: mm not to scale

Parts are unmarked



All dimensions in mm typical

Apr 2006