



**Pletronics, Inc.**

15013 36th Ave. W, Suite H • Lynnwood, WA 98036 USA

Manufacturer of High Quality Frequency Control Products

## Specification For Part Number

**SM13T048-24.576M**

Standard Part\*  Special Part\*\*

### Description:

Metal covered, Ceramic 5 x 7 mm (4 pad), surface mount crystal

### Specifications:

Frequency = 24.576 MHz

Calibration Frequency Tolerance =  $\pm 30$  PPM at 25 Deg. C

Frequency Stability =  $\pm 30$  PPM over operating temperature range of -40 to +85 Deg. C

Load Capacitance CL = 12 pF

Drive Level = 50  $\mu$ W

Aging =  $\pm 5$  PPM per year at 25 Deg. C

Shunt Capacitance C0 = 7 pF maximum,

ESR = 30 ohms maximum

AT cut fundamental

Design credits for Jim Hughes Company

### Special Mechanical Requirements:

None

### Special Tests:

30/30/-40-+85DC

### Non Standard Specs:

None

\*\*Special part numbers are controlled through this specification. Revision of this specification is the prepared date.

\*Electrical specifications are defined by the standard part number per OP-SLS02 and are shown for your reference only.

(See <http://www.pletronics.com/pdf/SM13T.pdf> for complete standard part specifications)

Prepared By: Don Marston

Date Prepared: 5/12/2003

Authorized By:

Engineering Specifications Authorized By:

Claude Lee, on 5/12/2003 3:30:00 PM

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