



**Pletronics, Inc.**

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

Manufacturer of High Quality Frequency Control Products

**Specification For Part Number  
SM42099-23.40M**

☐ Standard Part\* ☒ Special Part\*\*

**Description:**

2 pad, HC-49U/SMD, surface mount crystal for Data Translation

**Specifications:**

Frequency = 23.40 MHz

Oscillation Mode = Fundamental

Calibration Frequency Tolerance =  $\pm 50$  PPM at 25 Deg. C

Frequency Stability =  $\pm 50$  PPM over operating temperature range of 0 to +70 Deg. C

Load Capacitance CL = 17 pF

Drive Level = 1mW

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

Shunt Capacitance C0 = 3.5 pF maximum

Motional Capacitance C1/Pullability = n/a

ESR = 30 ohms maximum

**Special Mechanical Requirements:**

None

**Special Tests:**

None

**Non Standard Specs:**

50/50/0 to +70dc; 17 pf load - 30 ohms max, 1mW drive level, 3.5 Shunt Capacitance

\*\*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/SM42.pdf> for complete standard part specifications)

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