



Pletronics, Inc.

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

Manufacturer of High Quality Frequency Control Products

**Specification For Part Number
SM42373-28.224M**

Standard Part* Special Part**

Description:

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

Specifications:

Frequency = 28.224 MHz

Oscillation Mode = Fundamental

Calibration Frequency Tolerance = ± 20 PPM at 25 Deg. C

Frequency Stability = ± 70 PPM over operating temperature range of -40 to +85 Deg. C

Load Capacitance CL = 16 pF

Drive Level = 50 μ W

Aging = ± 5 PPM per year at 25 Deg. C

Shunt Capacitance C0 = 7 pF maximum

ESR = 50 ohms maximum

Design credit for Gordon and Wallach

Special Mechanical Requirements:

None

Special Tests:

None

Non Standard Specs:

20/70/-40 to +85dc

**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)

Prepared By: Joey Warren

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Pletronics, Inc. - 19013 36th Avenue West, Suite H, Lynnwood, WA 98036, USA

Phone: (425) 776-1880 - FAX: (425) 776-2760