



Pletronics, Inc.

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

Manufacturer of High Quality Frequency Control Products

**Specification For Part Number
SM42208-12.288M**

Standard Part* Special Part**

Description:

2 pad, HC-49U/SMD, surface mount crystal for Tollgrade with max height of 2.7mm

Specifications:

Frequency = 12.288 MHz

Oscillation Mode = Fundamental

Calibration Frequency Tolerance = ± 50 PPM at 25 Deg. C

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

Load Capacitance CL = 20 pF

Drive Level = 50 uW

Aging = ± 5 PPM per year at 25 Deg. C

Shunt Capacitance C0 = 7 pF maximum

Motional Capacitance C1/Pullability = TBD

ESR = 40 ohms maximum

Max Height = 2.7mm

Special Mechanical Requirements:

Max Height was changed from 2.5mm to 2.7mm per the customers approval 5/8/07 as they had always been receiving this higher height. (rag)

Special Tests: none

Non Standard Specs:

50/30/-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)

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