



Pletronics, Inc.

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

Manufacturer of High Quality Frequency Control Products

Specification For Part Number

SM42135-21.504M

Standard Part* Special Part**

Description:

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

Specifications:

Frequency = 21.504 MHz

Oscillation Mode = Fundamental

Calibration Frequency Tolerance = ± 10 PPM at 25 Deg. C

Frequency Stability = ± 20 PPM over operating temperature range of 0 to +40 Deg. C

Load Capacitance CL = 18 pF

Drive Level = 50 μ W

Aging = ± 5 PPM per year at 25 Deg. C

Shunt Capacitance C0 = 7 pF maximum

Motional Capacitance C1/Pullability = not specified

ESR = 40 ohms maximum

Special Mechanical Requirements:

None

Special Tests:

None

Non Standard Specs:

10/20/0 to +40 Deg C, ESR 40 ohms max

**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: Melody Mistlin

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Authorized By:

Engineering Specifications Authorized By:

Phil Woo, Engineer on 12/5/2002 2:22:00 PM

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