



Pletronics, Inc.

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

Manufacturer of High Quality Frequency Control Products

Specification For Part Number

SM11T005-14.31818M

Standard Part* Special Part**

Description:

Metal covered, Ceramic 5X3.2 mm (4 pad), surface mount crystal for National Instruments

Specifications:

Frequency = 14.31818 MHz

Oscillation Mode = Fundamental

Calibration Frequency Tolerance = ± 30 PPM at 25 Deg. C

Frequency Stability = ± 50 PPM over operating temperature range of -40 to +85 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

ESR = 50 ohms maximum

Design credits for Jim Hughes Company

Special Mechanical Requirements:

None

Special Tests:

50 ohms max ESR.

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/SM11T.pdf> for complete standard part specifications)

Prepared By: Don Marston

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