



Pletronics, Inc.

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

Manufacturer of High Quality Frequency Control Products

**Specification For Part Number
SM77H113-33.0M**

Standard Part* Special Part**

Description:

Ceramic 5 x 7 mm (4 pad), surface mount clock oscillator for Quantum-ATL, Standard part number would be SM77H013 or SM7745HV-33.0M-NEX

Specifications:

Frequency = 33.0 MHz

Output Logic= CMOS with Enable/Disable

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

Supply Voltage Vcc = 3.3V

Symmetry = 40/60% at 50% of Vcc

Logic 1 = 90% Vcc minimum

Logic 0 = 10% Vcc maximum

Output Load = 15 pF maximum

Supply Current Icc = 30 mA maximum with 15pF load

Tr and Tf = 5.0 nS maximum with 15 pF load

Jitter = TBD

design credits for NexGen

Sealed Crystal:

No

Special Mechanical Requirements:

None

Special Tests:

None

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/CMOS.htm> for complete standard part specifications)

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