



Pletronics, Inc.

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

Manufacturer of High Quality Frequency Control Products

**Specification For Part Number
SM77H034-10.0M**

Standard Part* Special Part**

Description:

Ceramic 5 x 7 mm (4 pad), surface mount clock oscillator for IO Tech

Specifications:

Frequency = 10.0 MHz

Output Logic = CMOS with Enable/Disable

Frequency Stability = ± 50 PPM over operating temperature range of 0 to +85 Deg. C

Supply Voltage Vcc = 3.3V

Symmetry = 45/55% at 50% of Vcc

Logic "1" = 90% of Vcc minimum

Logic "0" = 10% of Vcc maximum

Output Load = 20 pF maximum

Supply Current Icc = 10 mA maximum with 20pF load

Tr and Tf = 5 nS maximum with 20 pF load

Jitter = TBD

Design credits for NCT

Sealed Crystal:

Yes

Special Mechanical Requirements:

None

Special Tests:

Test to SM7745HESV-10.0M-20

Non Standard Specs:

Operating temp range, load

**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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