

SMD Clock Oscillator 32 MHz RXO-32M-2.85V-p2

code-p2

SMD Clock Oscillator 32 MHz

A. FEATURES:

1. Ultra small package
2. Excellent for high-density packaging.

B. MAXIMUM RATING:

1. DC Voltage: 12 VDC.
2. Storage Temperature: -55 °C to +125 °C.
3. Operating Temperature:-10 °C to +70 °C.

C. ELECTRICAL CHARACTERISTICS:

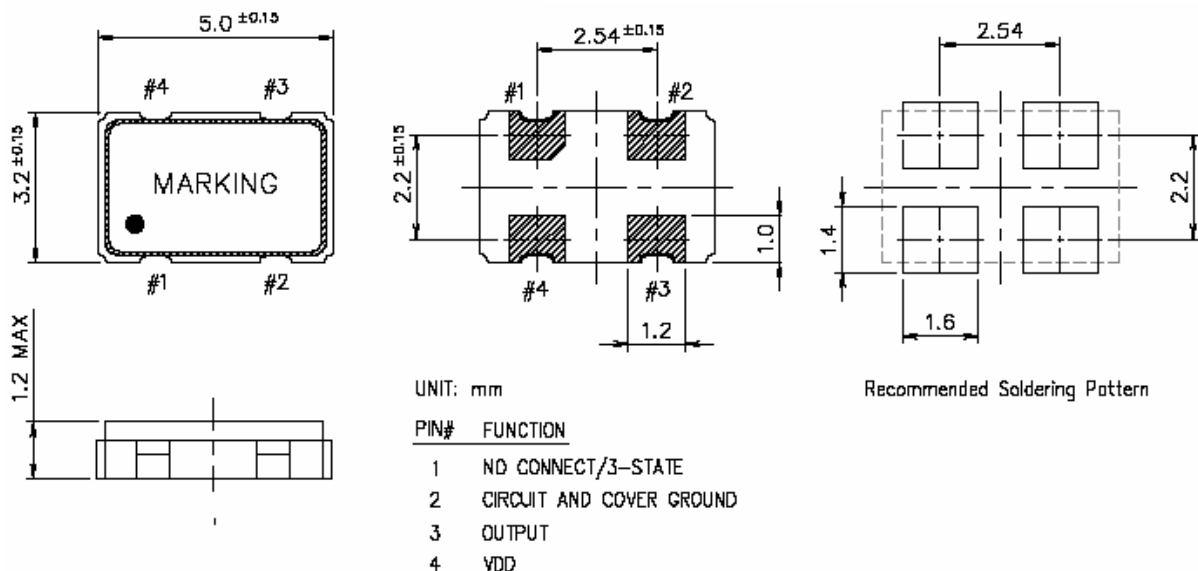
Characteristics	Units	Minimum	Typical	Maximum
Center Frequency	MHz		32.000	
Frequency Stability (#note 1)	PPM	-25	-	25
Input Voltage (Operating VDD)	VDC	-	2.85+/-10%	-
Input Current	mA	-	-	12
Output				
Load	pF	-	15	-
"0" Level	VDC	-	-	0.285
"1" Level	VDC	2.565	-	-
Symmetry (TW/T*100%) Duty Cycle	%	40%	-	60%
Rise Time (10%→90% VDD)	nSec	-	-	10
Fall Time (90%→10% VDD)	nSec	-	-	10
Enable/Disable Function		PIN 1: High or Open, PIN 3:Enable PIN 1: Low, PIN 3:Disable		
Package size		SMD5.0X3.2X1.2mm		

#Note 1: Frequency stability includes 25C tolerance, operating temperature range, aging and voltage or load change.

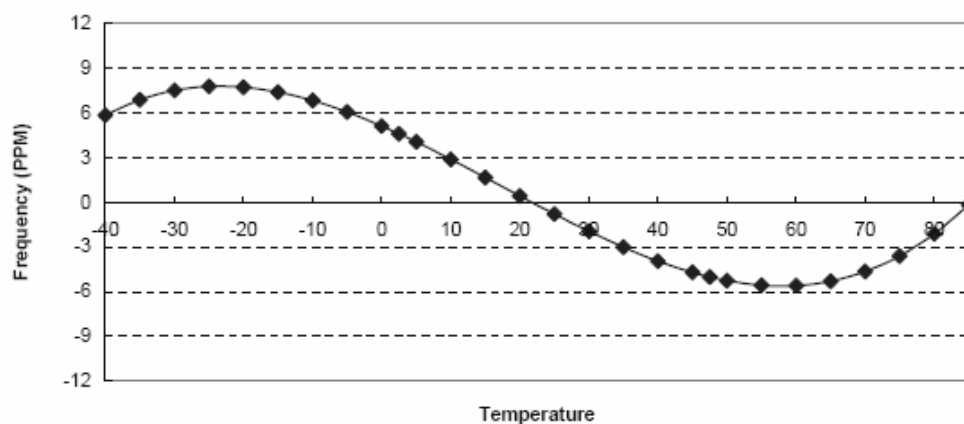
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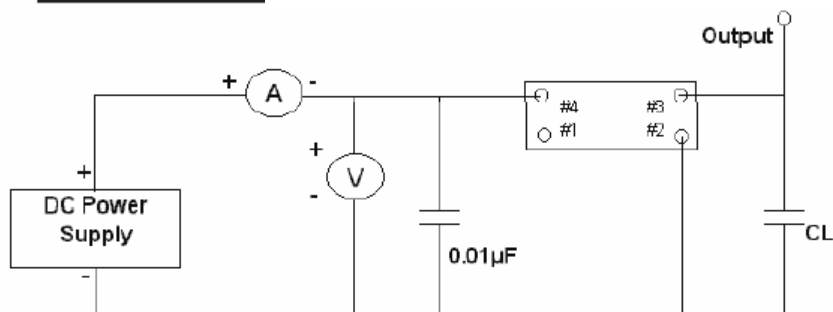
D. OUTLINE DRAWING: (Unit: mm)



E. FREQUENCY STABILITY OVER TEMPERATURE (TYPICAL):



F. TEST CIRCUIT:



RXO-32M-2.85V-p2

Specifications may be subject to change

05/16/07

WORLD HQ: 1702H Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.

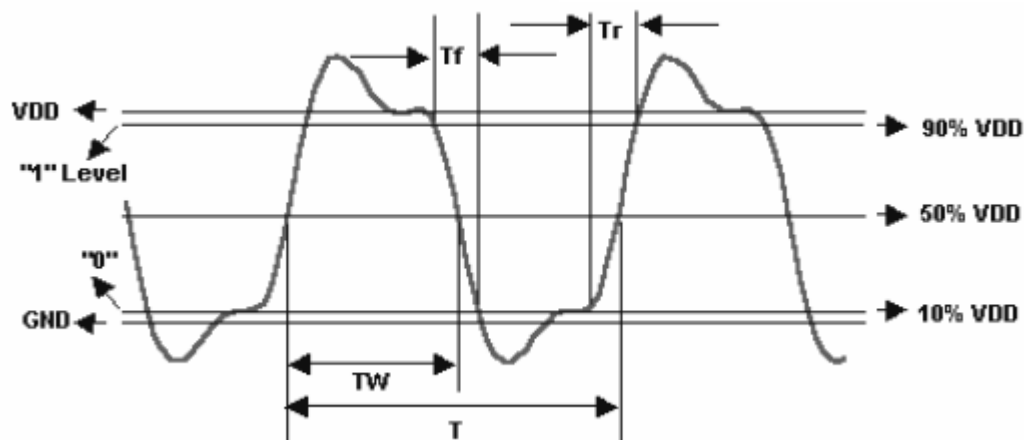
Telephone: (408) 266-7404 FAX: (408) 266-4483

WEB: www.raditek.com, E-mail: sales@raditek.com

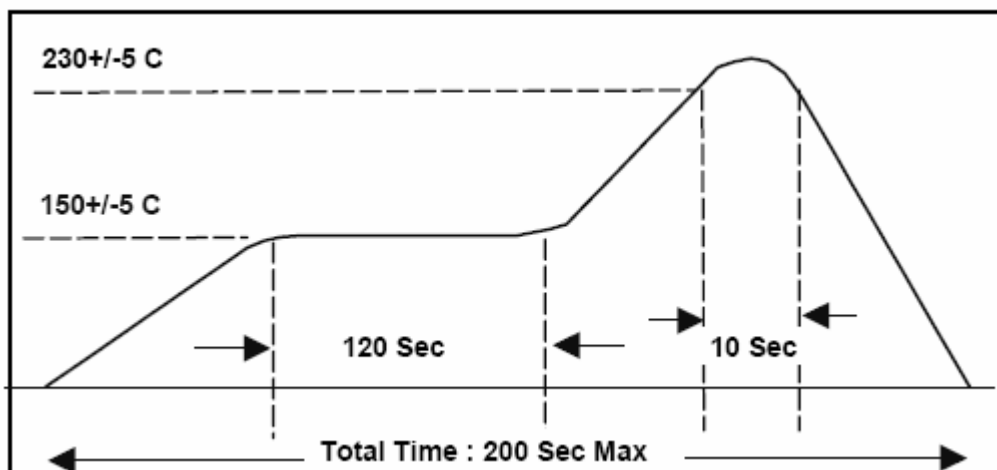
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G. OUTPUT WAVEFORM (TYPICAL):



H. SOLDERING REFLOW PROFILE:

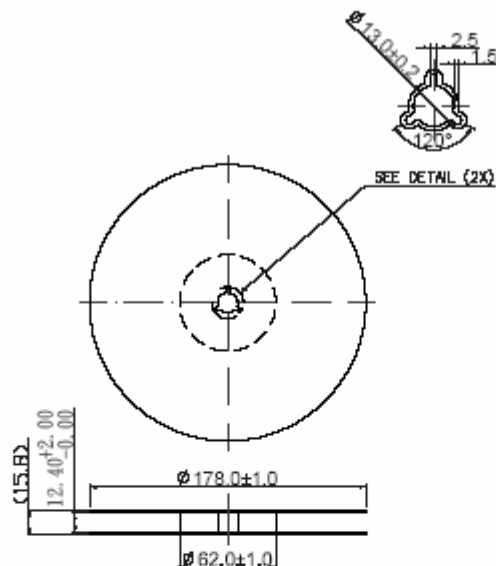


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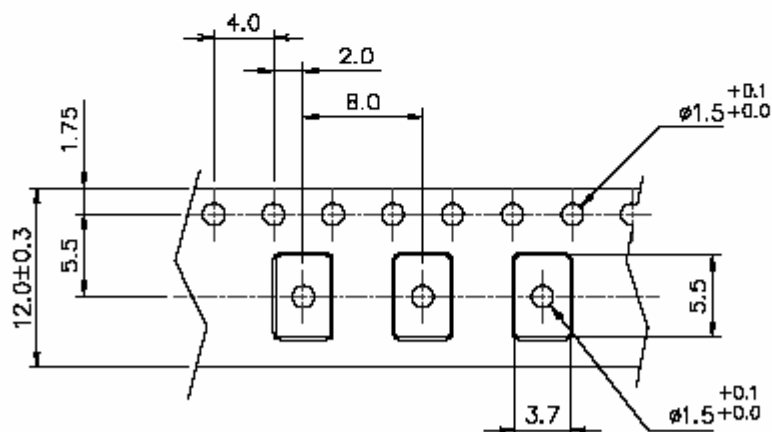
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J. PACKING: Packing Quantity: 1k /Reel

1. REEL DIMENSION (Unit: mm)



2. TAPE DIMENSION (Unit: mm)



3. PACKING DIRECTION

The dot or the logo of marking should be close to the hole of tape.