



SMD High Stability Crystal Oscillator

CXO 7053

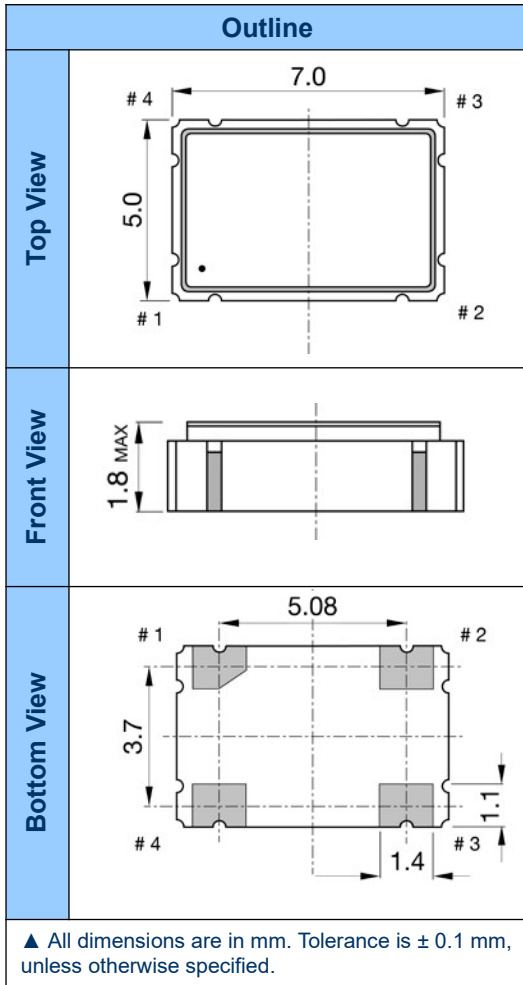
Features

- Ceramic Package
- Wide Operating Temperature
- RoHS compliant
- MSL 1

Specifications	Option Codes
Nominal Frequency: 32.768 KHz and 1 MHz ~ 70 MHz	
Output Waveform: HCMOS Compatible	H
Output Load: 15 pF	
Output Levels: V_{Low} : 0.33 V (max.) V_{High} : 2.97 V (min.)	
Rise/ Fall Time: 6 ns (max.)	
Duty Cycle: 45% to 55%	
Temperature Stability: As per Table 1	
Operating Temperature Range (OTR): As per Table 1	
Supply Voltage, V_{dd}: +3.3 V \pm 5%	3
Supply Current (No-load): 21 mA (max.)	
Start-up Time: 5 ms (max.)	
RMS Jitter: 1 ps (max.) [12 KHz ~ 20 MHz]	
Enable Voltage: 0.7 V _{dd} (min.) or Pad 1 Open	
Disable Voltage: 0.3 V _{dd} (max.)	
Aging: \pm 2 ppm (max.) for first year	
Storage Temperature Range: -55°C to +125°C	
Moisture Sensitivity Level: Level 1	

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Mechanical Specifications



Pad Configuration:

Pad	Description
1	Tri-state/ No Connection
2	Ground
3	Output
4	Supply Voltage

Table 1

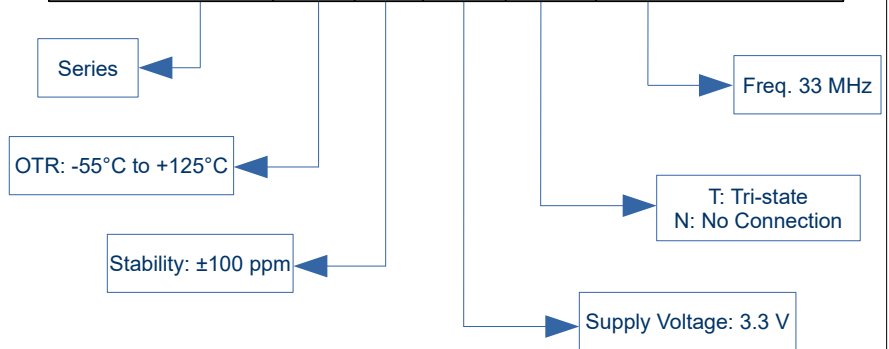
OTR Codes	Stability Codes		G	M	O6	K
	Temperature Stability		± 25 ppm	± 50 ppm	± 75 ppm	± 100 ppm
I	Operating Temperature Range	-40°C to +85°C				
K		-55°C to +105°C				
L		-55°C to +125°C				

Denotes Available Denotes not Available

Ordering Information

Example

CXO 7053 L K 3 T 033M000000



Specifications subject to change without prior notice.

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Note: Not all combination of options are available. Other specifications may be available upon request.

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