



Dynamic Engineers Inc.

2550 Gray Falls Dr., Suite#128, Houston, TX, 77077 USA
TEL: 1-281-870-8822 EMAIL: Sales@DynamicEng.com

XO7500AC-00MHz-A

5mm x 7mm SMD Oscillator

Features and Benefits

5.0mm x 7.0mm x 1.4mm max. ceramic oscillator
Less than $\pm 15\text{ppm}$ over -40°C to $+85^{\circ}\text{C}$
5V supply voltage
60mA max. current

Typical Applications

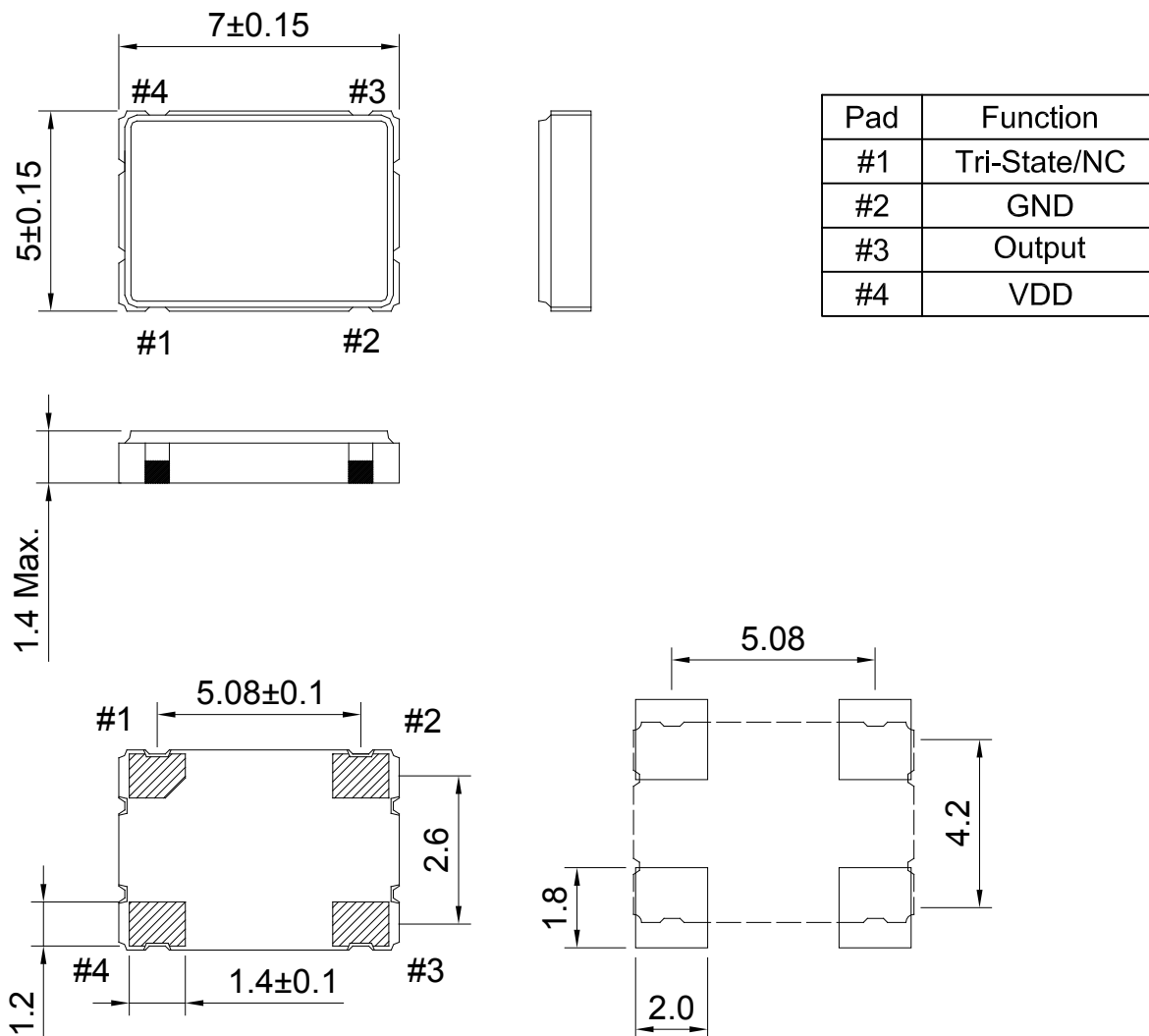
Processor Clock Reference

Description

CMOS clock oscillator in standard 5 x 7 mm SMD ceramic package

Mechanical Drawing & Pin Connections

Drawing No: MD150027-1



Unit : mm
1mm=0.039inch



Dynamic Engineers Inc.

2550 Gray Falls Dr., Suite#128, Houston, TX, 77077 USA
TEL: 1-281-870-8822 EMAIL: Sales@DynamicEng.com

XO7500AC-0.0MHz-A

5mm x 7mm SMD Oscillator

Specifications

Oscillator Specification	Sym	Condition	Value			Unit	Note
			Min.	Typ.	Max.		
Frequency Range	F ₀			140		MHz	
RF Output							
Output Wave Form			CMOS				
Load				15		pF	
Duty Cycle				40/60		%	
Rise / Fall Time					10	nS	
Power Supply							
Supply Voltage	V _{cc}		4.75	5.00	5.25	V	
Supply Current					60	mA	
Frequency Stability							
VS. Temperature		Over -40°C to +85°C			±15	ppm	
Environmental Conditions							
Parameter	Reference Std.						
Operating temperature range	-40°C to +85°C						
Storage temperature range	-55°C to +125°C						