



Features and Benefits

Frequency range: 63.22MHz
Supply voltage: 1.8V
Steady current: 15mA Typ.
Output waveform: CMOS
Frequency stability vs. operating temperature: ±50ppm
Operating temperature: -40°C to +85°C
Size: 3.2x2.5x1.2mm

Typical Applications

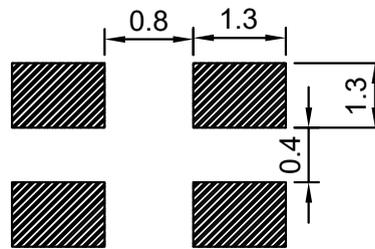
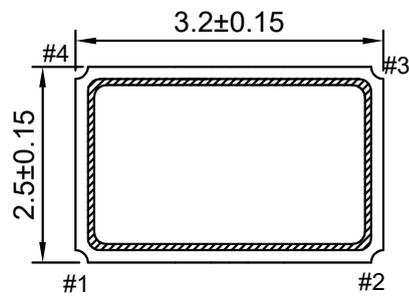
Ideally suited designed for use in PCs, NB, PCMCIA Cards
Palmtop Computer
Portable Applications

Description

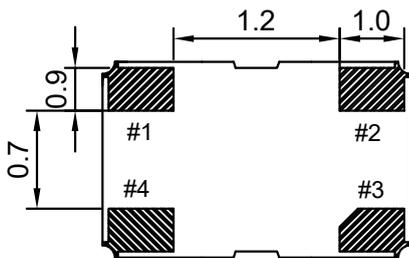
XO3225AL-63.22MHz-A offers 63.22MHz frequency and Lower noise and current with reduced power consumption. Built-in C-MOS IC with tri-state function and Compact and thin ceramic package with a metalized for surface mounting and automatically loaded. Ideally suited designed for use in Portable Applications.

Mechanical Drawing & Pin Connections

Drawing No: MD220013-1



Recommended Land Pattern



PIN	FUNCTION
#1	Tri-state
#2	GND
#3	RF output
#4	Supply voltage

Unit in mm
1mm = 0.0394 inches



Specifications

Oscillator Specification	Sym	Condition	Value			Unit	Note
			Min.	Typ.	Max.		
Frequency	F			63.22		MHz	
Output High (Logic "1")			90%Vdd			V	
Output Low (Logic "0")					10%Vdd		
Rise Time / Fall Time	Tr / Tf	Measured between 10% <->90% of Vdd			8.0	nsec	
Start-up Time				10		msec	
Enable (high voltage)				70%Vdd		V	
Disable (low voltage)				30%Vdd		V	
Output Load				15		pF	
Symmetry (Duty ratio)			45		55	%	
Output Disable delay Time				150		us	
Output Enable delay time				150		us	
Power Supply							
Supply Voltage	Vdd	±10%		1.8		V	
Input Current					15	mA	
Frequency Stability							
Frequency Stability					±50	ppm	
Aging		@+25°C 1st year			±5	ppm	
Environmental Conditions							
Operating temperature range		-40°C to +85°C					
Storage temperature range		-55°C to +125°C					