



## Features

- ☐ Best in class frequency versus temperature ☐ RMS phase jitter down to 0.13ps
- ☐ Phase noise < -160dBc/Hz noise floor ☐ Voltage control and T-sense options available

## Applications

- ☐ Time and frequency reference o Positioning
- o Test and Measurement
- o Telecommunications
- o Hi-Rel / Defense

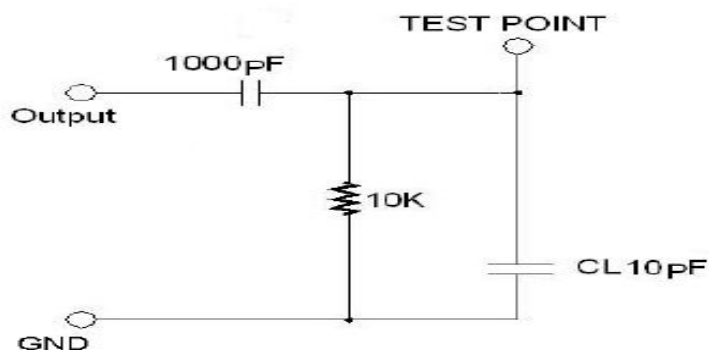


## Specification for electrical appliances

Parameter	3.3V		Unit
	MIN	MAX	
Supply Voltage(VDD) 5%	3.135	3.465	V
Frequency Range	1.25	52	MHz
Frequency Stability	±0.05	±2.5	ppm
Standard Frequency	19.200000		MHz
Control voltage range @ 1.5V	0.5	2.5	V
Frequency tuning ≤26MHz	±5		ppm
Frequency tuning >26MHz		±10	
Supply voltage stability	±0.025		
Supply voltage, VCC	2.5	5.7	V
Current (C/Sine)	3		mA
Input level low (pin 4)		0.2VCC	V
Input level high (pin 4)	0.6VCC		
Start - up time	5	15	ms
Frequency stability over temperature	±0.05	±2.5	ppm
SSB Phase Noise ( 25° C)	19.2	51.84	MHz
10Hz	-89	-100	dBc/Hz
100Hz	-111	-128	
1KHz	-124	-145	
10KHz	-133	-155	
100KHz	-135	-158	
Operating temperature range	-40	85	° C



TEST CIRCUIT

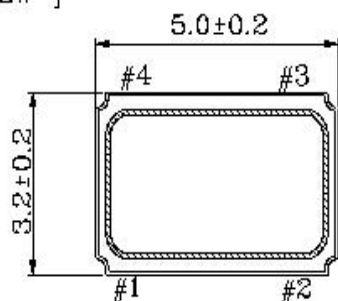


Model Outline and Recommended Pad Layout (4 pad)

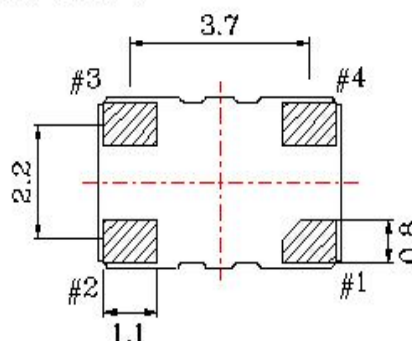
➤ DIMENSIONS

Unit : mm

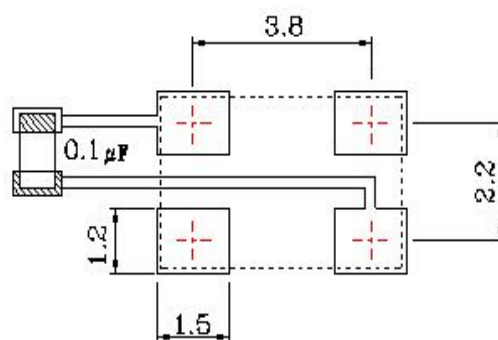
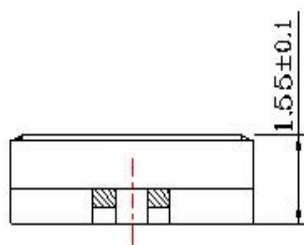
[ TOP VIEW ]



[ BOTTOM VIEW ]



[ SIDE VIEW ]



➤ PIN FUNCTIONS

Pin	Function
#1	VCON
#2	GND
#3	Output
#4	Supply Voltage