



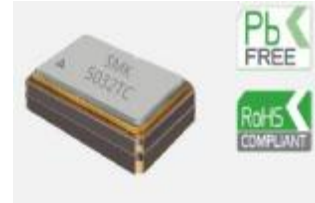
Features

- 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

5.0 x 3.2 x 2.0 mm

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



Specification for electrical appliances

Parameter	3.3V		Unit		
	MIN	MAX			
Supply Voltage(VDD) 5%	3.135	4.465	V		
Frequency Range	1.25	52	MHz		
Frequency Stability	±0.05	±2.5	ppm		
Standard Frequency	10.0, 12.8, 16.384, 19.2,19.44, 20 , 25, 26, 30.72, 38.88 , 40,		MHz		
Control voltage, Vc	0.5	2.5	V		
Frequency tuning ≤26MHz	±5		ppm		
Frequency tuning >26MHz		±7			
Supply voltage stability	±0.025				
Supply voltage, VCC	2.5	5.7	V		
Current (C/Sine)	2		mA		
Current (Sine)	8				
Current (HCMOS)	4				
Current (ACMOS)	8				
Input level low (pin 6)		0.2VCC	V		
Input level high (pin 6)	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	-98	-100	dBc/Hz		
100Hz	-130	-128			
1KHz	-147	-145			
10KHz	-155	-155			
100KHz	-158	-158			
Operating temperature range	-55	105	-55	105	°C



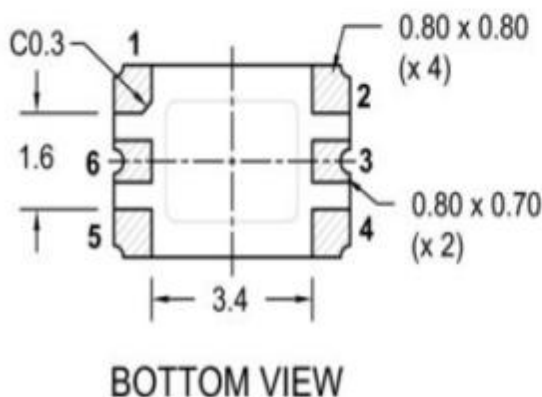
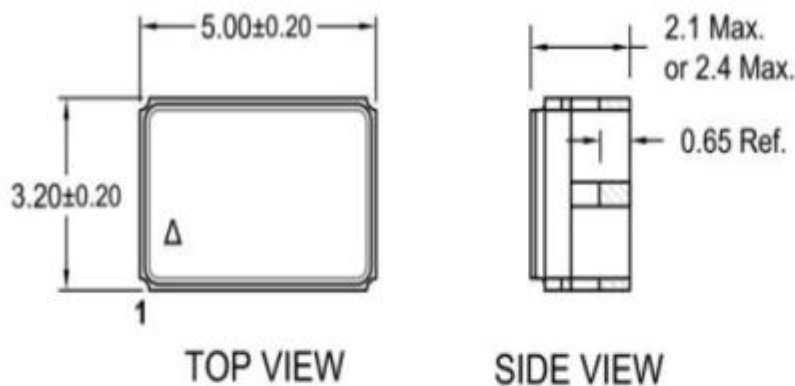
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Model Outline and Recommended Pad Layout (6 pad)



PIN CONNECTIONS	
1*	Do Not Connect / Vc
2	GND
3*	Do Not Connect / Vref / Vtemp
4	RF Output
5	Vcc
6	Enable
* Depending on specification	