Features

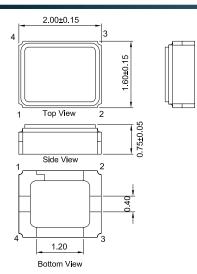
- · Temperature Stability: \pm 0.5 ppm ~ \pm 2.0 ppm · Operating Temperature Range: 30 °C ~ 85 °C
- · Supply Voltage: 1.8 V ~ 3.3 V
- · Voltage Control Function Available
- · World's Thinnest Package
- · Frequencies: 26 MHz, 33.6 MHz, 38.4 MHz, 40 MHz
- · Applications: GPS, WiMAX, Cellular and Wireless Communications
- · RoHS Compliant / Pb Free



	Electrical	Specification	ons
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Electrical opecinications			
	Item / Type	7Z	
Output Type		Clipped Sinewave	
Output Load		10K Ω //10 pF	
Oscillation Mode		Fundamental	
Supply Voltage		1.8~3.3 V	
Frequency Range		26~52 MHz	
Clipped Sinewave Output Voltage		0.8 Vp-p typical	
Frequency Stability	Vs. Temperature (- 30 \sim + 85 $^{\circ}\mathrm{C}$)	± 0.5 / ± 2.0 ppm	
	Vs. Load (Load varies ± 10 %)	± 0.2 ppm M ax.	
	Vs. Supply Voltage (Vcc = Typical \pm 0.1 V)	± 0.2 ppm Max.	
Frequency Tolerance	at 25 °C after 2 Reflows with Typical Applied to Auto Frequency Control Pin	± 2.5 ppm Max.	
Slope of Frequency Drift		± 0.1 ppm / °C Typical; ± 0.5 ppm / °C Max.	
Storage Temperature Range		-40 ~+ 85 ℃	
Auto Frequency Control (AFC) Range (Center 0.9 V)		± 7~± 16 ppm /V	
Supply Current		2.0 mA Max.	
Start-up Time		5 ms Max.	
Harmonics		−5 dBcMax.	
Phase Noise at 1 KHz offset		-130 dBc/Hz	
Aging (at 25 ℃)		± 1 ppm /year Max.	

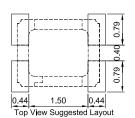
Dimensions



PAD FUNCTION: 1. AFC or GND

2: GND

3: OUT 4. VCC



Units: mm

Remark: Specification subject to change without prior notice. Please confirm with our sales.