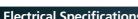
Features

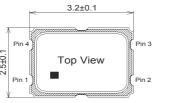
- · Temperature Stability: \pm 0.5 ppm ~ \pm 2.5 ppm.
- · Operating Temperature Range: -40 °C ~ 105 °C.
- · Supply Voltage: 1.68 V ~ 3.63 V.
- · Voltage Control Function Available.
- · Frequencies: 6 MHz ~ 52 MHz.
- · Applications: GPS, WiMAX, LTE and Wifi Communications.
- · RoHS Compliant/Pb Free.
- · AEC-Q200/AEC-Q100 Compliant.



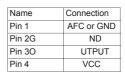
Dimensions

	Item / Type	AQ
Output Type		Clipped Sinewave
Output Load		10 K Ω // 10 pF and 5 K Ω // 40 pF
Oscillation Mode		Fundamental
Supply Voltage		1.68 ~ 3.63 V
Frequency Range		6 ~ 52 MHz
Clipped Sinewave Output Voltage		0.8 Vp - p typical
Frequency Stability	Vs. Temperature (- 40 ~ + 85 °C)	± 0.5 ~ ± 2.5 ppm
	Vs. Temperature (- 40 ~ + 105 °C)	
	Vs. Load (Load varies ± 10 %)	± 0.2 ppm Max.
	Vs. Supply Voltage (Vcc = Typical ± 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		- 55 ~ + 125 °C
Auto Frequency Control (AFC) Range *		± 5 ppm ~ ± 16 ppm
Supply Current		2.5 mA Max.
Start-up Time		3 ms Max.
Harmonics		- 5 dBc Max.
Phase Noise at 1 kHz offset		- 130 dBc / Hz
Aging (at 25 °C)		± 1 ppm / year Max.
·		* AEC Banga is salestive and disable is asset

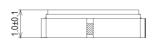
* AFC Range is selective and disable is acceptable.

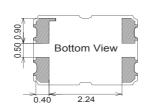




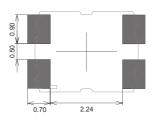


Pic Connection





Recommended Land Pattern



Units: mm

Remark : Specification subject to change without prior notice. Please confirm with our sales, http://www.txccorp.com

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