



Features

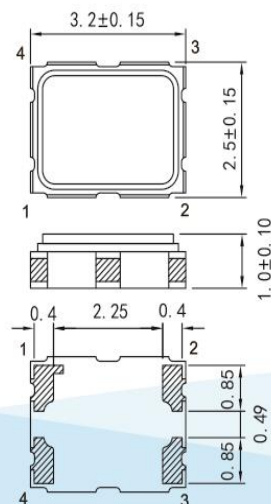
- > Temperature Compensated Crystal Oscillator (TCXO).
- > Standard 3.2x2.5 SMD seam sealed package.
- > Analog compensation.
- > Voltage control function available.
- > Standard Frequencies : 16.368 MHz, 16.369 MHz, 16.8 MHz, 23.104 MHz, 24.5535 MHz, 26 MHz, 33.6 MHz, 40 MHz.
- > Applications : GPS, WiMAX.
- > RoHS Compliant / Pb Free.

Electrical Specifications

Output Type		Clipped Sinewave
Output Load		10KΩ// 10pF
Oscillation Mode		Fundamental
Supply Voltage		2.4~3.5V
Frequency Range		13~50 Mhz
Clipped Sinewave Output Voltage		1.2 Vp-p typical
Frequency Stability	Vs. Temperature (-30~+85°C)	± 0.5 ~ ± 1.0 ppm
	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	± 1.0 ~ ± 2.5 ppm Max.
Slope of Frequency Drift		± 0.2 ppm / °C Max
Storage Temperature Range		- 40 ~+ 85 °C
Auto Frequency Control (AFC) Range *		± 7 ~ ± 16 ppm / V
Supply Current		2.0 mA Max.
Start-up Time		5 ms Max.
Harmonics		- 5 dBc Max.
Phase Noise at 1 KHz offset		- 130 dBc / Hz
Aging (at 25°C)		± 1 ppm / year Max

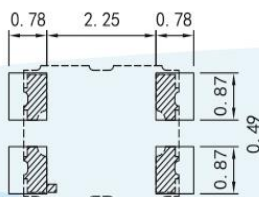
* AFC Range is selective and disable is acceptable.

Dimensions



PAD FUNCTION:
1:AFC
2:GND
3:OUT
4:VDD

Suggested Layout



Units:mm