



Features

- > Temperature Compensated Crystal Oscillator (TCXO).
- > Reliable seam sealed ceramic package.
- > Analog compensation.
- > Voltage control function available.
- > For handset and other wireless application.
- > Standard frequencies: 13, 16.8, 19.2, 19.44, 19.68, 19.8 and 26 MHz.
- > RoHS Compliant / Pb Free.

Electrical Specifications

Output Type		Clipped Sinewave
Output Load		10KΩ// 10pF
Oscillation Mode		Fundamental
Supply Voltage		2.3~3.3V
Frequency Range		13~26 Mhz
Clipped Sinewave Output Voltage		1.2 Vp-p typical
Frequency Stability	Vs. Temperature (-30~+85°C)	± 1 ~ ± 3 ppm
	Vs. Load (Load varies ± 10 %)	± 0.3 ppm Max.
	Vs. Supply Voltage (Vcc = Typical ± 0.1 V)	± 0.2 ppm Max.
Frequency Tolerance	at 25°C with Vcontrol = Typical	± 1 ~ ± 2 ppm Max.
	at 25°C after 2 Reflows with typical Applied to Auto Frequency Control Pin	± 1.5 ~ ± 2.5 ppm Max.
Storage Temperature Range		- 40 ~ + 85 °C
Auto Frequency Control (AFC) Range *		± 7 ~ ± 16 ppm / V
Supply Current		1.5 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)		± 3 ppm / year Max

* AFC Range is selective and disable is acceptable.

Dimensions

