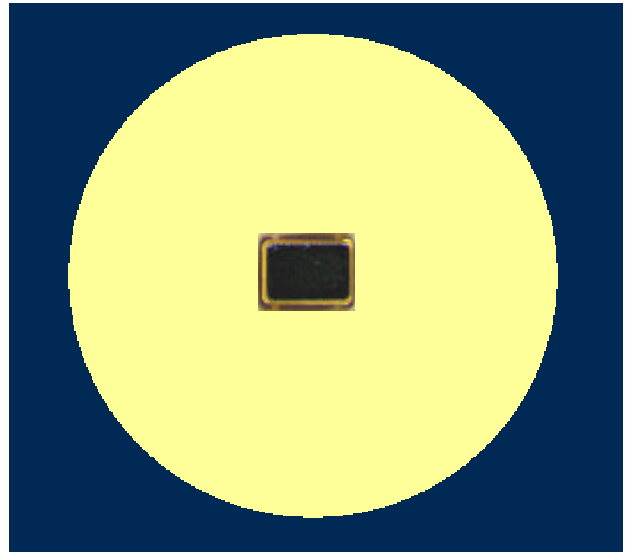


Features:

- Stable frequency over temperature
- Good SSBN Noise performance
- Surface mountable package

Description and Applications:

Surface mount 5 x 7 mm Voltage Control Temperature Compensated Crystal Oscillator (VCTCXO) for use in 3G, GSM, TDMA, CDMA, PDAs, Satellite handsets, 2-way radios, Pagers, Analog applications, and other portable electronics requiring a stable frequency source.



Electrical Specifications:

OSC1623	Specification
Nominal Frequency	19.68 MHz
Supply Voltage (Vdd)	2.8 V ± 0.14 V
Frequency Stability over Temperature	± 1.5 PPM (-30 C to 85C)
RF output (AC Coupled)	0.8 Vpp minimum
Current Drain	1.5 maximum
Frequency Adjust Method	Analog DC Frequency Adjust
Frequency Adjust Center Voltage (Vcc)	1.5 VDC
Frequency Adjust Range	± 4.5 PPM to ±7.5 PPM (1.5 V ± 1 V)
SSBN @ 13MHz at 10kHz offset	-145 dBc/Hz typical
Aging	± 1PPM/Yr @25C

Mechanical Dimensions (mm):

