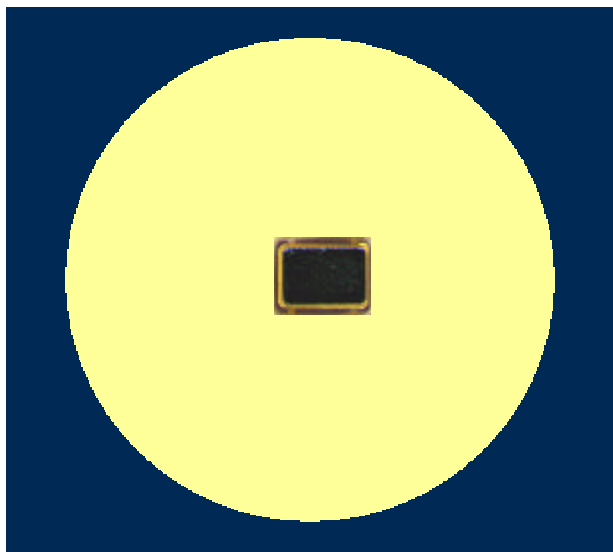


**Features:**

- 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:**

OSC1645	Specification
Nominal Frequency	19.2 MHz
Supply Voltage (Vdd)	2.8 V $\pm$ 0.1 V
Frequency Stability over Temperature	$\pm$ 1.5 PPM (-30 C to 85C)
RF output (AC Coupled)	0.8 Vpp minimum
Current Drain	2.0 maximum
Frequency Adjust Method	Analog DC Frequency Adjust
Frequency Adjust Center Voltage (Vcc)	1.5 VDC
Frequency Adjust Range	$\pm$ 10.0 PPM to $\pm$ 15.0 PPM (1.5 V $\pm$ 1.0 V)
SSBN @ 13MHz at 10kHz offset	-145 dBc/Hz typical
Aging	$\pm$ 1PPM/Yr @25C

Mechanical Dimensions (mm):

