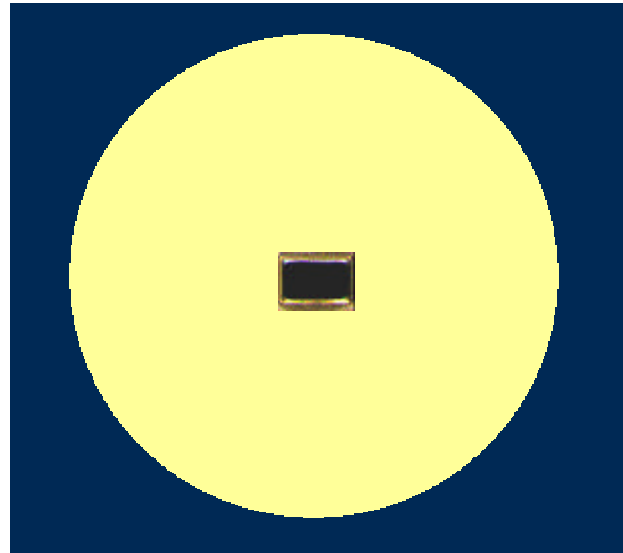


Features:

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

Description and Applications:

Surface mount 3.2 x 5 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:

OSC1602A	Specification
Nominal Frequency	19.44 MHz
Supply Voltage (Vdd)	2.75 V \pm 0.1 V
Frequency Stability over Temperature	\pm 2.5 PPM (-30 C to 75C)
RF output (AC Coupled)	0.6 Vpp (minimum) Clipped Sinewave
Current Drain	2.5 mA maximum
Frequency Adjust Method	Analog DC Frequency Adjust
Frequency Adjust Center Voltage (Vcc)	1.35 VDC
Frequency Adjust Range	\pm 12 PPM to \pm 25 PPM (1.35 V \pm 1.05 V)
SSBN @ 16.8MHz at 10kHz offset	-140dBc/Hz Typical
Aging	\pm 1PPM/Yr @25C

Mechanical Dimensions (mm):

