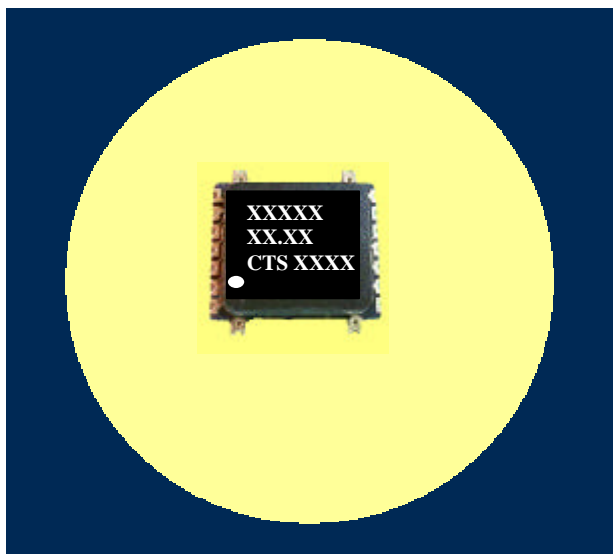


Features:

- Stable frequency over temperature
- Good SSBN Noise performance
- Surface Mount Package

Description and Applications:

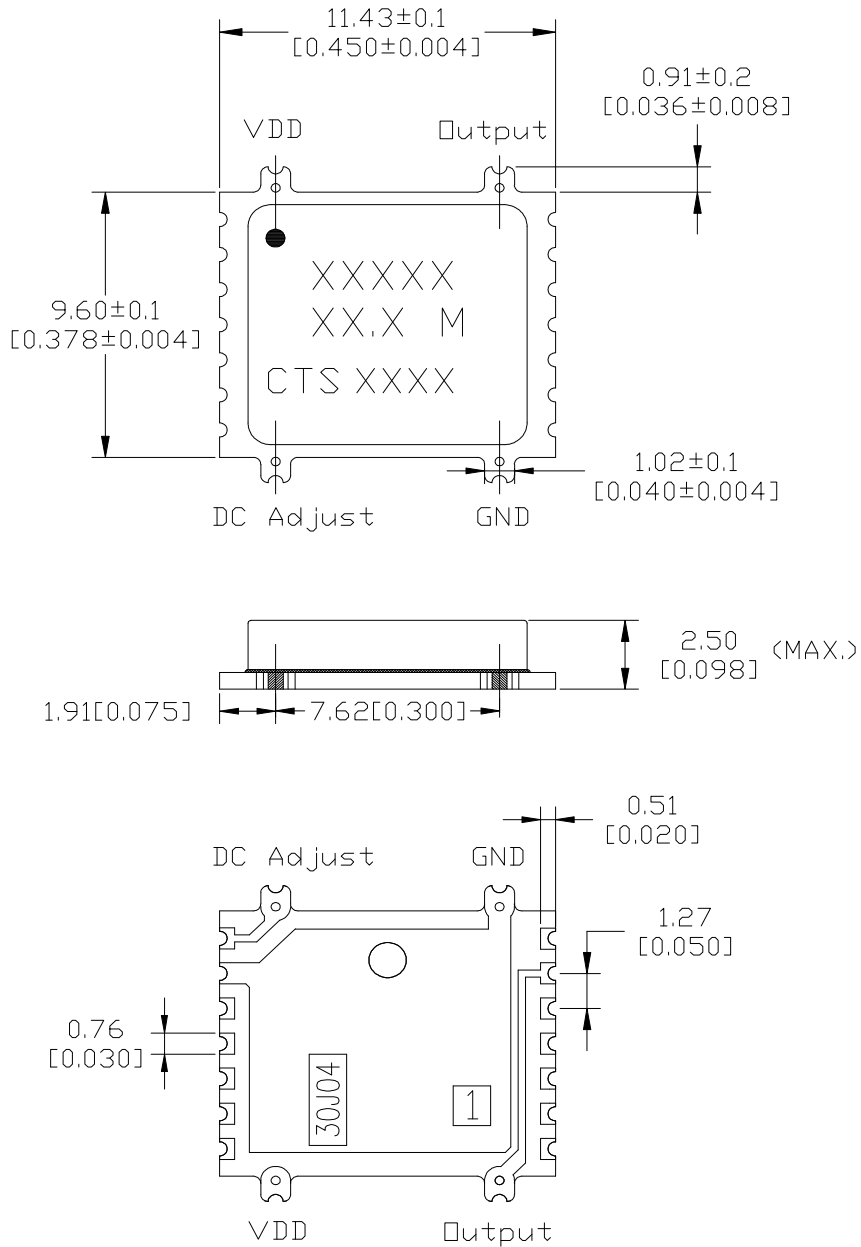
Surface mount 11x11 mm Voltage Control Temperature Compensated Crystal Oscillator (VCTCXO) for use in 3G, GSM, TDMA, CDMA, PDAs, Satellite handsets, 2-way radios, Pagers, Analog applications, and other portable electronics requiring a stable frequency source.



Electrical Specifications:

| OSC1218B, D | Specification |
|---------------------------------------|------------------------------------|
| Nominal Frequency | 12.8 MHz |
| Supply Voltage (Vdd) | B: 3V ± 10% D: 5V ± 5% |
| Frequency Stability over Temperature | ± 2.5 PPM (-30C to 85C) |
| RF output (DC Coupled) | B and D: 0.8 Vpp minimum, Sinewave |
| Current Drain | B and D: <2 mA maximum |
| Frequency Adjust Method | External DC Voltage |
| Frequency Adjust Center Voltage (Vcc) | B: 1.5 VDC D: 2.5 VDC |
| Frequency Adjust Range | ± 10 PPM minimum |
| SSBN @ 16.8 MHz at 10 kHz offset | -140 dBc/Hz maximum |
| Aging | ± 1 PPM/Yr @25C |

Mechanical Dimensions:



DIMENSIONS: MM [Inches]