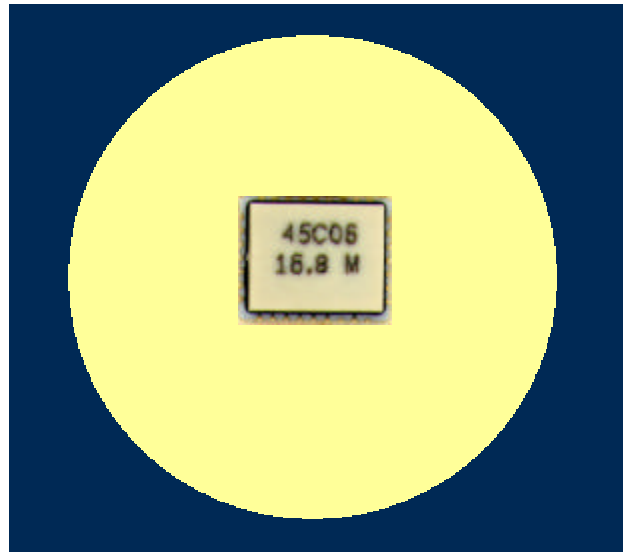


Features:

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

Description and Applications:

Surface mount 11x14 mm Temperature Compensated Crystal Oscillator (TCXO) 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:

OSC1206A, C, E, G	Specification
Nominal Frequency	12.8 MHz
Supply Voltage (Vdd)	A and C: 3V ± 10% E and G: 5V ± 5%
Frequency Stability over Temperature	± 1.5 PPM (-30C to 85C)
RF output (DC Coupled)	A and E: 0.8 Vpp minimum, True Sinewave C and G: Vdd-0.5 minimum, Squarewave
Current Drain	A and E: <2 mA maximum (Sinewave) C and G: < 4 mA maximum (Squarewave)
Frequency Adjust Method	External DC Voltage
Frequency Adjust Center Voltage (Vcc)	A and C: 1.5 VDC E and G: 2.5 VDC
Frequency Adjust Range	± 10 PPM minimum
SSBN at 10 kHz offset	- 140 dBc/Hz maximum
Aging	± 1 PPM/Yr @25C

