Specifications

Frequency	40.0 MHz
Output	Clipped Sinewave
Load	10pF/10kΩ for Clipped Sine

Temp Stability	**Temp Range**	**Tolerance**
	-40 to +85°C	$\pm1\times10^{-7}$

Freq vs. Supply	$\pm1\times10^{-7}$ for a 5% change
Aging	$\leq5\times10^{-7}$ per year after 30 days
Supply V	+3.3 VDC ± 5%
Input Current	25mA max

Phase Noise	**Offset**	**dBc/Hz**
(10MHz typ)	10 Hz	-95
	100 Hz	-120
	1 kHz	-140
	10 kHz	-150
	100 kHz	-155

Frequency Adjust   ±5ppM typ; via 0 to Vsupply EFC; positive slope

Environmental
Storage Temp: -55 to +105°C
Random Vibration: MIL-STD-202, Meth 214, Cond I-J
Sine Vibration: MIL-STD-202, Meth 204, Cond D
Shock: MIL-STD-202, Meth 213, Cond F

Mechanical Drawing & Pin Connections
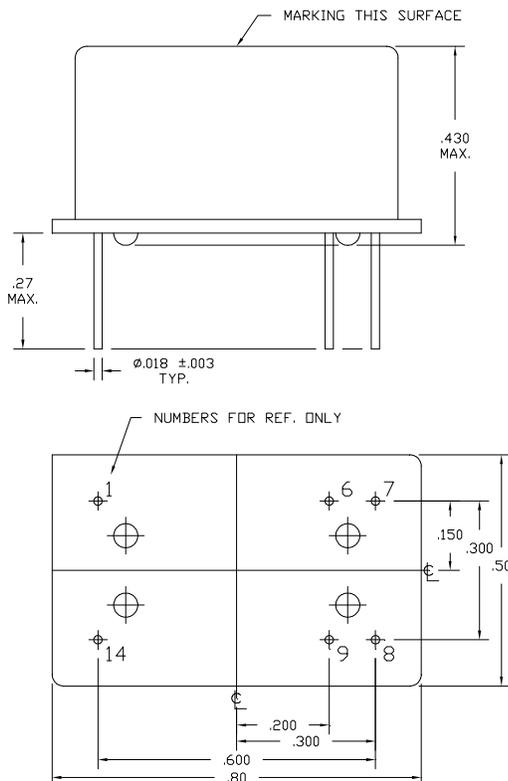
Pin Configuration
Pin 1   EFC
Pin 6   N/C (Factory Use Only)
Pin 7   0V / Case Gnd
Pin 8   Output
Pin 9   N/C (Factory Use Only)
Pin 14   Input V