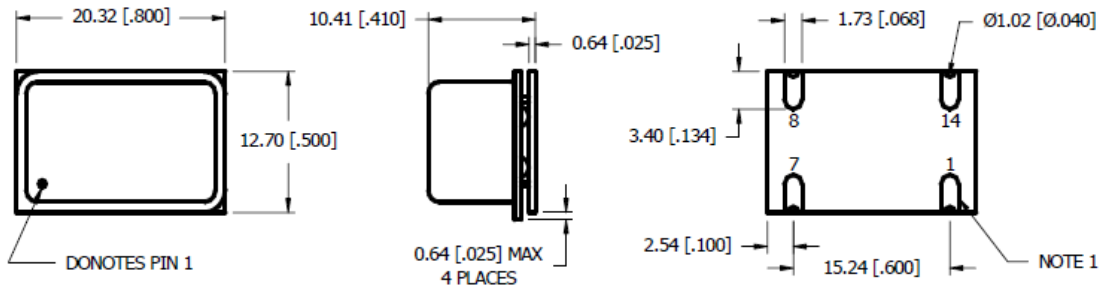


- **10.000MHZ**
- **Standard 14 DIP/4 Package OCXO with SMD Adapter Board**
- **Voltage Control**
- **Solder Tinned Leads**

Electrical

Frequency	10.000 MHz
Frequency Stability	±100 ppb max
Frequency Tolerance at +25°C	±0.2 ppm with Vc = +1.65 VDC
Frequency Stability vs. Load Variation	±10 ppb max for ±5% variation
Frequency Stability vs. Supply Variation	±50 ppb for ±5% variation
Long term Stability	±1.0 ppm max for 10 years ±0.2 ppm max for the first year
Warm Up Time / Stabilization Time	3 min at +25°C After 10 min at +25°C to Frequency tolerance
Output Waveform	HCMOS
Rise / Fall Time (10% to 90% of waveform)	Less than 7 nSec
Symmetry (50% of waveform)	45%/55%
Load	15pF
Supply Voltage	+3.30 VDC ±5%
Supply Current	520mA max for warm-up at +25°C 220 mA max at steady state at +25°C
Frequency Adjustment Range	±1.0 ppm min
Control Voltage Range	+1.65 VDC ±1.65 VDC
Input Impedance	100 kΩ min
Modulation Bandwidth	1 kHz typ
Slope	Positive
Operating Temperature	-40°C to +85°C
Phase Noise	10Hz = -105dBc
	100Hz = -135dBc
	1KHz = -145dBc
	10KHz = -150dBc

Mechanical Detail:



DIMENSIONS IN BRACKERS ARE IN INCHES
EXTERNAL BYPASS CAPACITOR IS RECOMMENDED

PIN CONNECTIONS	
PIN 1	CONTROL VOLTAGE
PIN 7	GROUND
PIN 8	OUTPUT
PIN 14	SUPPLY VOLTAGE