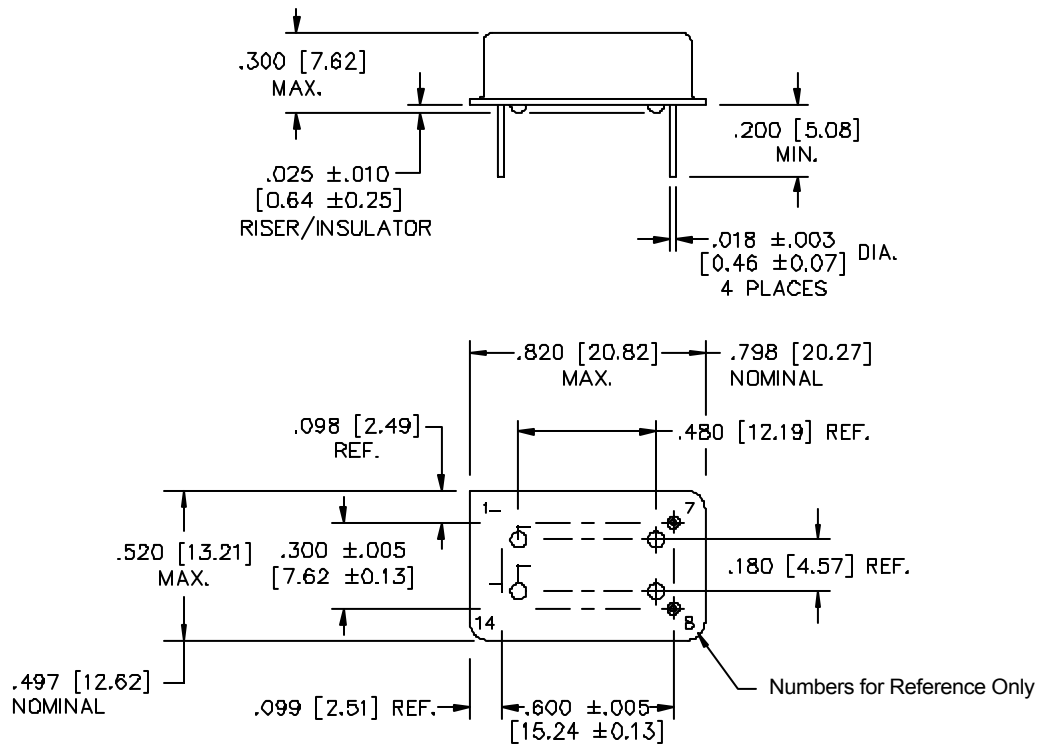


Specifications

	Parameter	Conditions	Value			Unit
			Min	Typical	Max	
General						
	Frequency			50.000		MHz
	Supply	3.3 Vdc +/- 10%	2.970	3.300	3.63	Vdc
	Total Current			12.0		mA
	Output Type	Sine wave				
	Output Level		0.0	3.0	6.0	dBm
	Output Load	50	45	50	55	ohms
	Harmonics				-30	dBc
	Spurious				-80	dBc
Electronic Pull		N/A				
Stability						
	Set-Tolerance	@25C			+/- 0.50	PPM
	Temperature	-40°C to 85°C, Ref to freq. At 25C			+/- 1.00	PPM
	Voltage	Freq. Change with +/- 5 % supply			+/- 0.20	PPM
	Load	Freq. Change with +/- 10% load			+/- 0.10	PPM
	Aging	Aging measured at 25C and projected over 20 years			+/- 1.70	PPM
	Overall	Inclusive of aging, temp., voltage, load and room tolerance over 20 years			+/- 3.50	PPM
Phase Noise	Offset	Tested @25°C				
	10Hz				-75	dBc/Hz
	100Hz				-105	dBc/Hz
	1KHz				-130	dBc/Hz
	10KHz				-135	dBc/Hz
	100KHz				-138	dBc/Hz

Mechanical Drawing & PIN Function



PIN NO.	PIN FUNCTION
1	VOLTAGE CONTROL
7	RF & CASE GROUND
B	OUTPUT
14	+ VDC