

MECHANICAL DIMENSIONS	ELECTRICAL SPECIFICATION			
<p>PIN CONNECTION            # 1 N.C            # 2 GND            # 3 OUTPUT            # 4 Vcc</p>	Frequency range		6.000MHz to 190.000MHz	
	Frequency Stability vs. Temperature vs. Supply Voltage vs. Load vs. Aging		±0.5 ppm to ±5.0ppm ±0.1 / ±0.2 ppm max / Vdd ± 5% ±0.2 ppm max / 15pF ±10% ±1.0 ppm max/ year	
	Temperature Range Operating Storage		See Table 2 -55°C to 125°C	
	Supply Voltage		3.3V ± 5% 5.0V ± 5%	
	Input Current  Sinewave		6.00MHz ~ 190.000MHz 12.0mA max ~ 30mA max	
<h3>OUTPUT WAVEFORM</h3>	Output characteristics		Level 3.3V Sinewave 0 dBm typ 5.0V 10 dBm typ Load 50Ω	
	Phase Noise (typical) 20MHz offset		-80 dBc / Hz @ 10Hz -120 dBc / Hz @ 100Hz -135 dBc / Hz @ 1KHz -140 dBc / Hz @ 10KHz -145 dBc / Hz @ 100KHz	
	Frequency Adjustment		±3ppm min by internal trimmer	
<h3>TEST CIRCUIT</h3>	ENVIROMENTAL & MECHANICAL SPECIFICATION			
	Shock Vibration Solderability Seal integrity Marking		MIL-STD-883C, Method 2002, Condition B MIL-STD-883C, Method 2007, Condition A MIL-STD-883C, Method 2003 MIL-STD-883C, Method 1014, Condition C & A2 MIL-STD-202F, Method 215	
	TABLE1		TABLE2	
	Symbol	Stability	Symbol	Temp.
	05	±0.5ppm	0	0°C
	10	±1.0ppm	A	50°C
	15	±1.5ppm	1	-10°C
	20	±2.0ppm	2	-20°C
	25	±2.5ppm	3	-30°C
	30	±3.0ppm	4	-40°C
	35	±3.5ppm		E
	50	±5.0ppm		85°C
				F