

MECHANICAL DIMENSIONS	ELECTRICAL SPECIFICATION																																														
<p>PIN CONNECTION</p> <ul style="list-style-type: none"> #1 N.C #2 GND #3 OUTPUT #4 Vcc <p>Recommended Soldering Pattern</p>	<table border="1"> <tr> <td>Frequency range</td> <td colspan="3">1.000KHz to 800.000MHz</td> </tr> <tr> <td>Frequency Stability vs. Temperature vs. Supply Voltage vs. Load vs. Aging</td> <td colspan="3"> All combination of Frequency range Vs. Package type might not be available ,please contact factory. ±1.0 ppm to ±5.0ppm ±0.2 ppm max / Vdd ± 5% ±0.2 ppm max /15pF ±10% ±1.0 ppm max/ year </td> </tr> <tr> <td>Temperature Range Operating Storage</td> <td colspan="3"> See Table 2 -55°C to 125°C </td> </tr> <tr> <td>Supply Voltage</td> <td colspan="3"> 3.3V ± 5% 5.0V ± 5% </td> </tr> <tr> <td>Input Current 3.3 V , 5V</td> <td>1.000KHz ~</td> <td>40.000MHz ~</td> <td>800.000MHz ~</td> </tr> <tr> <td></td> <td>15mA max</td> <td>30mA max</td> <td>100mA max</td> </tr> </table>				Frequency range	1.000KHz to 800.000MHz			Frequency Stability vs. Temperature vs. Supply Voltage vs. Load vs. Aging	All combination of Frequency range Vs. Package type might not be available ,please contact factory. ±1.0 ppm to ±5.0ppm ±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 3.3 V , 5V	1.000KHz ~	40.000MHz ~	800.000MHz ~		15mA max	30mA max	100mA max																			
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| **TEST CIRCUIT** | **ENVIROMENTAL & MECHANICAL SPECIFICATION** | | | |----------------|---| | Shock | MIL-STD-883C, Method 2002, Condition B | | Vibration | MIL-STD-883C, Method 2007, Condition A | | Solderability | MIL-STD-883C, Method 2003 | | Seal integrity | MIL-STD-883C, Method 1014, Condition C & A2 | | Marking | MIL-STD-202F, Method 215 | | TABLE1 | | TABLE2 | | | | |--------|-----------|--------|-------|--------|-------| | Symbol | Stability | Symbol | Temp. | Symbol | Temp. | | 05 | ±0.5ppm | 0 | 0°C | A | 50°C | | 10 | ±1.0ppm | 1 | -10°C | B | 60°C | | 15 | ±1.5ppm | 2 | -20°C | C | 70°C | | 20 | ±2.0ppm | 3 | -30°C | D | 75°C | | 25 | ±2.5ppm | 4 | -40°C | E | 80°C | | 30 | ±3.0ppm | | | F | 85°C | | 35 | ±3.5ppm | | | | | | 50 | ±5.0ppm | | | | | | | | |