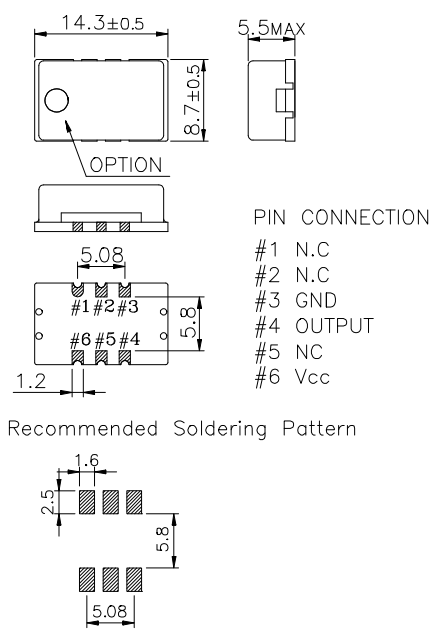
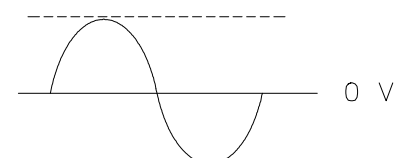
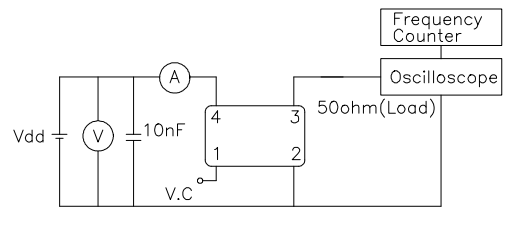


MECHANICAL DIMENSIONS	ELECTRICAL SPECIFICATION																																									
 <p>PIN CONNECTION</p> <ul style="list-style-type: none"> #1 N.C #2 N.C #3 GND #4 OUTPUT #5 NC #6 Vcc <p>Recommended Soldering Pattern</p>	<p>Frequency range 10.000MHz to 50.000MHz</p>																																									
	<p>Frequency Stability vs. Temperature: ±0.5 ppm to ±5.0ppm vs. Supply Voltage: ±0.1 / ±0.2 ppm max / Vdd ± 5% vs. Load: ±0.2 ppm max /15pF ±10% vs. Aging: ±1.0 ppm max/ year</p>																																									
	<p>Temperature Range Operating: See Table 2 Storage: -55°C to 125°C</p>																																									
	<p>Supply Voltage: 3.3V ± 5%, 5.0V ± 5%</p>																																									
	<p>Input Current Sinewave: 10.00MHz ~ 50.000MHz 12.0mA max ~ 30mA max</p>																																									
	<p>Output characteristics Level: 3.3V Sinewave 0 dBm typ 5.0V Sinewave 10 dBm typ Load: 50Ω</p>																																									
	<p>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</p>																																									
	<p>Frequency Adjustment ±3ppm min by internal trimmer (OPTION)</p>																																									
<p>OUTPUT WAVEFORM</p> 	<p>ENVIROMENTAL & MECHANICAL SPECIFICATION</p> <p>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</p>																																									
<p>TEST CIRCUIT</p> 	<table border="1"> <thead> <tr> <th colspan="2">TABLE1</th> <th colspan="2">TABLE2</th> </tr> <tr> <th>Symbol</th> <th>Stability</th> <th>Symbol</th> <th>Temp.</th> </tr> </thead> <tbody> <tr> <td>05</td> <td>±0.5ppm</td> <td>0</td> <td>0°C</td> </tr> <tr> <td>10</td> <td>±1.0ppm</td> <td>A</td> <td>50°C</td> </tr> <tr> <td>15</td> <td>±1.5ppm</td> <td>B</td> <td>60°C</td> </tr> <tr> <td>20</td> <td>±2.0ppm</td> <td>C</td> <td>70°C</td> </tr> <tr> <td>25</td> <td>±2.5ppm</td> <td>D</td> <td>75°C</td> </tr> <tr> <td>30</td> <td>±3.0ppm</td> <td>E</td> <td>80°C</td> </tr> <tr> <td>35</td> <td>±3.5ppm</td> <td>F</td> <td>85°C</td> </tr> <tr> <td>50</td> <td>±5.0ppm</td> <td></td> <td></td> </tr> </tbody> </table>		TABLE1		TABLE2		Symbol	Stability	Symbol	Temp.	05	±0.5ppm	0	0°C	10	±1.0ppm	A	50°C	15	±1.5ppm	B	60°C	20	±2.0ppm	C	70°C	25	±2.5ppm	D	75°C	30	±3.0ppm	E	80°C	35	±3.5ppm	F	85°C	50	±5.0ppm		
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