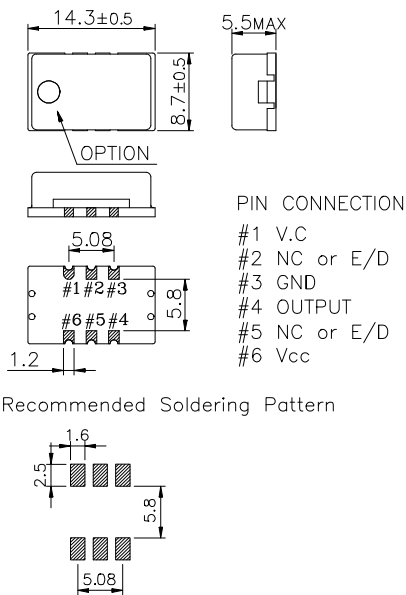
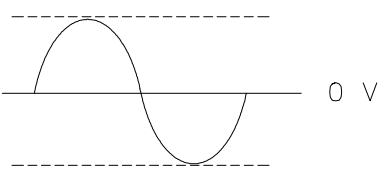
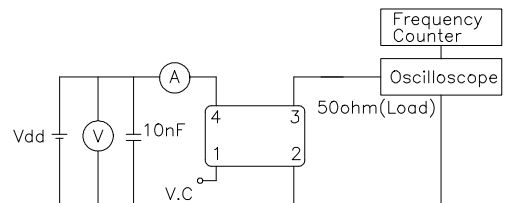


MECHANICAL DIMENSIONS	ELECTRICAL SPECIFICATION																																											
 <p>PIN CONNECTION</p> <ul style="list-style-type: none"> #1 V.C #2 NC or E/D #3 GND #4 OUTPUT #5 NC or E/D #6 Vcc <p>Recommended Soldering Pattern</p>	<p>Frequency range</p> <p>10.000MHz to 50.000MHz</p> <p>All combination of Frequency range Vs. Package type might not be available ,please contact factory</p>																																											
	<p>Frequency Stability vs. Temperature vs. Aging</p> <p>± 10 ppm to ±50ppm ±3.0 ppm max/ year</p>																																											
	<p>Temperature Range</p> <p>Operating: See Table 2 Storage: -55℃ to 105℃</p>																																											
	<p>Supply Voltage</p> <p>3.3V ± 5% 5.0V ± 5%</p>																																											
	<p>Input Current</p>	<table border="1"> <thead> <tr> <th></th> <th>3.3V</th> <th>5.0V</th> </tr> </thead> <tbody> <tr> <td>fo ≤ 25.000MHz</td> <td>15mA</td> <td>20mA</td> </tr> <tr> <td>fo ≤ 50.000MHz</td> <td>25mA</td> <td>30mA</td> </tr> <tr> <td>fo ≤ 80.000MHz</td> <td>35mA</td> <td>50mA</td> </tr> <tr> <td>fo ≤ 125.000MHz</td> <td>40mA</td> <td>60mA</td> </tr> <tr> <td>fo ≤ 190.000MHz</td> <td>45mA</td> <td>70mA</td> </tr> </tbody> </table>		3.3V	5.0V	fo ≤ 25.000MHz	15mA	20mA	fo ≤ 50.000MHz	25mA	30mA	fo ≤ 80.000MHz	35mA	50mA	fo ≤ 125.000MHz	40mA	60mA	fo ≤ 190.000MHz	45mA	70mA																								
	3.3V	5.0V																																										
fo ≤ 25.000MHz	15mA	20mA																																										
fo ≤ 50.000MHz	25mA	30mA																																										
fo ≤ 80.000MHz	35mA	50mA																																										
fo ≤ 125.000MHz	40mA	60mA																																										
fo ≤ 190.000MHz	45mA	70mA																																										
	<p>Output characteristics</p>	<p>Sinewave</p> <table border="1"> <thead> <tr> <th>Level</th> <th>3.3V</th> <th>5.0V</th> </tr> </thead> <tbody> <tr> <td></td> <td>0 dBm typ</td> <td>10 dBm typ</td> </tr> </tbody> </table> <p>Load: 50Ω</p>	Level	3.3V	5.0V		0 dBm typ	10 dBm typ																																				
Level	3.3V	5.0V																																										
	0 dBm typ	10 dBm typ																																										
<p>OUTPUT WAVEFORM</p> 	<p>Pull Characteristics</p>																																											
	<p>Pulling Range</p> <p>±50ppm / ±100 / ±150 ppm min</p> <p>Wide pulling range : contact company</p>																																											
	<p>Control Range</p> <p>1.65V ± 1.5V (Vdd : 3.3V) 2.5V ± 2.5V (Vdd : 5.0V)</p>																																											
<p>TEST CIRCUIT</p> 	<p>ENVIROMENTAL & MECHANICAL SPECIFICATION</p> <p>Shock: MIL-STD-883C, Method 2002, Condition B</p> <p>Vibration: MIL-STD-883C, Method 2007, Condition A</p> <p>Solderability: MIL-STD-883C, Method 2003</p> <p>Seal integrity: MIL-STD-883C, Method 1014, Condition C & A2</p> <p>Marking: MIL-STD-202F, Method 215</p>																																											
	<p>TABLE1</p> <table border="1"> <thead> <tr> <th>Symbol</th> <th>Stability</th> </tr> </thead> <tbody> <tr><td>10</td><td>± 10ppm</td></tr> <tr><td>15</td><td>± 15ppm</td></tr> <tr><td>20</td><td>± 20ppm</td></tr> <tr><td>30</td><td>± 30ppm</td></tr> <tr><td>50</td><td>± 50ppm</td></tr> <tr><td>100</td><td>±100ppm</td></tr> </tbody> </table>	Symbol	Stability	10	± 10ppm	15	± 15ppm	20	± 20ppm	30	± 30ppm	50	± 50ppm	100	±100ppm	<p>TABLE2</p> <table border="1"> <thead> <tr> <th>Symbol</th> <th>Temp.</th> <th>Symbol</th> <th>Temp.</th> </tr> </thead> <tbody> <tr><td>0</td><td>0℃</td><td>A</td><td>50℃</td></tr> <tr><td>1</td><td>-10℃</td><td>B</td><td>60℃</td></tr> <tr><td>2</td><td>-20℃</td><td>C</td><td>70℃</td></tr> <tr><td>3</td><td>-30℃</td><td>D</td><td>75℃</td></tr> <tr><td>4</td><td>-40℃</td><td>E</td><td>80℃</td></tr> <tr><td></td><td></td><td>F</td><td>85℃</td></tr> </tbody> </table>	Symbol	Temp.	Symbol	Temp.	0	0℃	A	50℃	1	-10℃	B	60℃	2	-20℃	C	70℃	3	-30℃	D	75℃	4	-40℃	E	80℃			F	85℃
Symbol	Stability																																											
10	± 10ppm																																											
15	± 15ppm																																											
20	± 20ppm																																											
30	± 30ppm																																											
50	± 50ppm																																											
100	±100ppm																																											
Symbol	Temp.	Symbol	Temp.																																									
0	0℃	A	50℃																																									
1	-10℃	B	60℃																																									
2	-20℃	C	70℃																																									
3	-30℃	D	75℃																																									
4	-40℃	E	80℃																																									
		F	85℃																																									