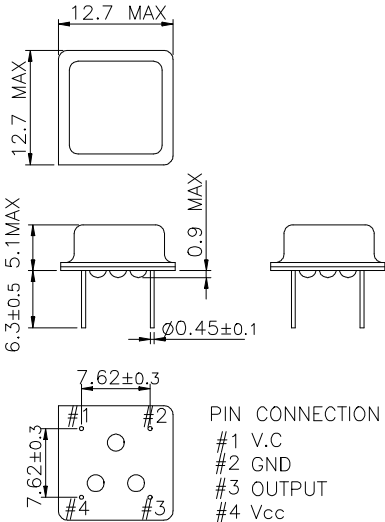
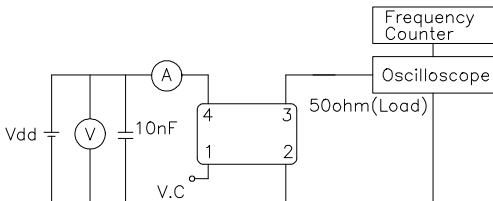
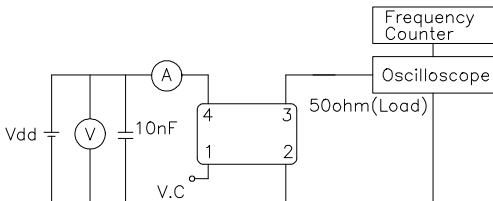


MECHANICAL DIMENSIONS	ELECTRICAL SPECIFICATION																																																																																																																					
 <p><b>PIN CONNECTION</b>            #1 V.C            #2 GND            #3 OUTPUT            #4 Vcc</p>	<table border="1"> <tr> <td>Frequency range</td> <td colspan="3">10.000MHz to 50.000MHz All combination of Frequency range Vs. Package type might not be available ,please contact factory</td> </tr> <tr> <td>Frequency Stability vs. Temperature vs. Aging</td> <td colspan="3">± 10 ppm to ±50ppm ±3.0 ppm max/ year</td> </tr> <tr> <td>Temperature Range Operating Storage</td> <td colspan="3">See Table 2 -55°C to 105°C</td> </tr> <tr> <td>Supply Voltage</td> <td colspan="3">3.3V ± 5% 5.0V ± 5%</td> </tr> <tr> <td rowspan="2">Input Current</td> <td>fo ≤ 25.000MHz</td> <td>3.3V 15mA</td> <td>5.0V 20mA</td> </tr> <tr> <td>fo ≤ 50.000MHz</td> <td>25mA</td> <td>30mA</td> </tr> <tr> <td rowspan="2">Output characteristics</td> <td colspan="3">Sinewave</td> </tr> <tr> <td>Level 3.3V 5.0V</td> <td colspan="2">0 dBm typ 10 dBm typ</td> </tr> <tr> <td></td> <td>Load</td> <td colspan="2">50Ω</td> </tr> <tr> <td colspan="4" data-bbox="635 1308 1527 1341">Pull Characteristics</td> </tr> <tr> <td>Pulling Range</td> <td colspan="3">±50ppm / ±100 / ±150 ppm min Wide pulling range : contact company</td> </tr> <tr> <td>Control Range</td> <td colspan="3">1.65V ± 1.5V ( Vdd : 3.3V ) 2.5V ± 2.5V ( Vdd : 5.0V )</td> </tr> <tr> <th colspan="4" data-bbox="635 1563 1527 1597">ENVIROMENTAL &amp; MECHANICAL SPECIFICATION</th> </tr> <tr> <td>Shock</td> <td colspan="3">MIL-STD-883C, Method 2002, Condition B</td> </tr> <tr> <td>Vibration</td> <td colspan="3">MIL-STD-883C, Method 2007, Condition A</td> </tr> <tr> <td>Solderability</td> <td colspan="3">MIL-STD-883C, Method 2003</td> </tr> <tr> <td>Seal integrity</td> <td colspan="3">MIL-STD-883C, Method 1014, Condition C &amp; A2</td> </tr> <tr> <td>Marking</td> <td colspan="3">MIL-STD-202F, Method 215</td> </tr> <tr> <th colspan="2" data-bbox="635 1771 927 1816">TABLE1</th> <th colspan="2" data-bbox="938 1771 1527 1816">TABLE2</th> </tr> <tr> <td>Symbol</td> <td>Stability</td> <td>Symbol</td> <td>Temp.</td> </tr> <tr> <td>10</td> <td>± 10ppm</td> <td>0</td> <td>0°C</td> </tr> <tr> <td>15</td> <td>± 15ppm</td> <td>1</td> <td>-10°C</td> </tr> <tr> <td>20</td> <td>± 20ppm</td> <td>2</td> <td>-20°C</td> </tr> <tr> <td>30</td> <td>± 30ppm</td> <td>3</td> <td>-30°C</td> </tr> <tr> <td>50</td> <td>± 50ppm</td> <td>4</td> <td>-40°C</td> </tr> <tr> <td>100</td> <td>±100ppm</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>F</td> <td>85°C</td> </tr> <tr> <th colspan="4" data-bbox="70 1688 619 1727">TEST CIRCUIT</th> </tr> <tr> <td colspan="4" data-bbox="70 1727 619 2087">  </td> </tr> </table>				Frequency range	10.000MHz to 50.000MHz All combination of Frequency range Vs. Package type might not be available ,please contact factory			Frequency Stability vs. Temperature vs. Aging	± 10 ppm to ±50ppm ±3.0 ppm max/ year			Temperature Range Operating Storage	See Table 2 -55°C to 105°C			Supply Voltage	3.3V ± 5% 5.0V ± 5%			Input Current	fo ≤ 25.000MHz	3.3V 15mA	5.0V 20mA	fo ≤ 50.000MHz	25mA	30mA	Output characteristics	Sinewave			Level 3.3V 5.0V	0 dBm typ 10 dBm typ			Load	50Ω		Pull Characteristics				Pulling Range	±50ppm / ±100 / ±150 ppm min Wide pulling range : contact company			Control Range	1.65V ± 1.5V ( Vdd : 3.3V ) 2.5V ± 2.5V ( Vdd : 5.0V )			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.	10	± 10ppm	0	0°C	15	± 15ppm	1	-10°C	20	± 20ppm	2	-20°C	30	± 30ppm	3	-30°C	50	± 50ppm	4	-40°C	100	±100ppm					F	85°C	TEST CIRCUIT							
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