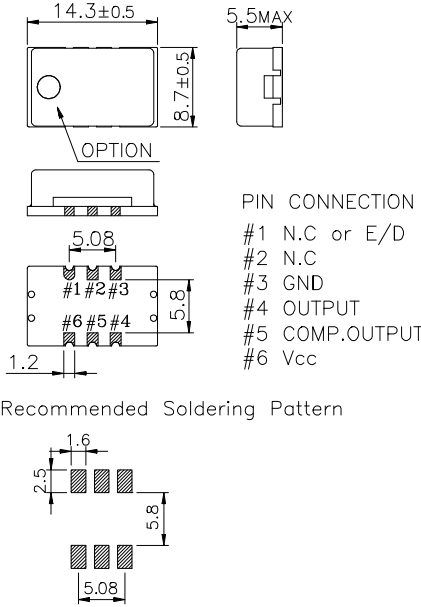
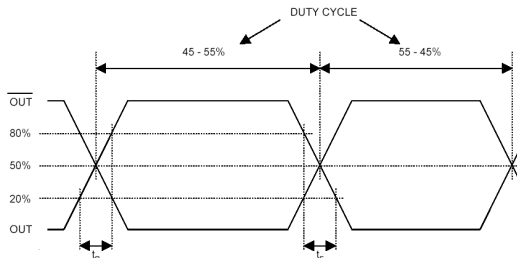
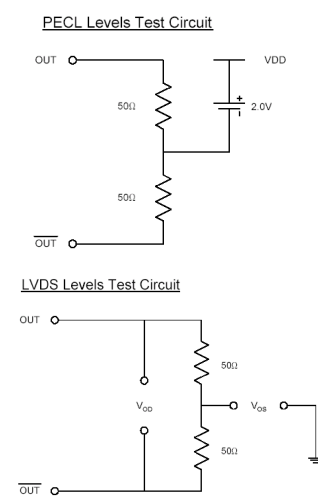
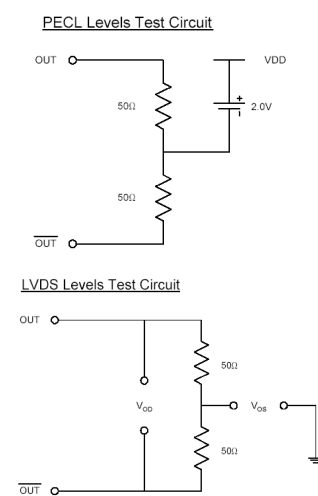
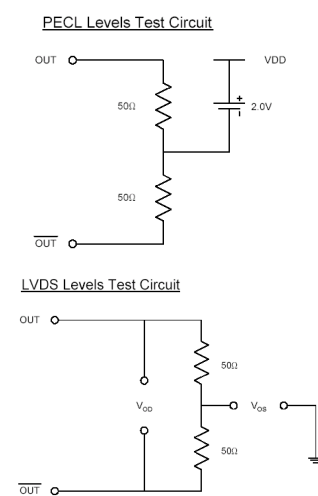
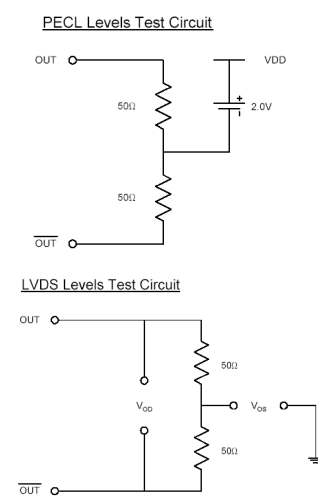
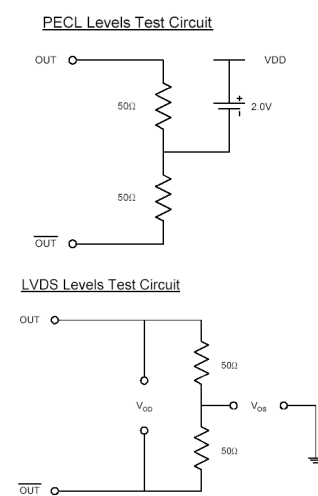
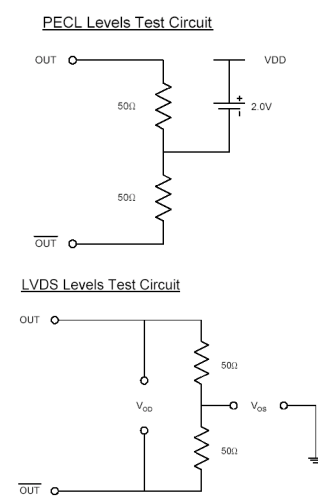


MECHANICAL DIMENSIONS	ELECTRICAL SPECIFICATION																																															
 <p>PIN CONNECTION</p> <ul style="list-style-type: none"> #1 N.C or E/D #2 N.C #3 GND #4 OUTPUT #5 COMP.OUTPUT #6 Vcc <p>Recommended Soldering Pattern</p>	<p>Frequency range</p> <p>0.75MHz to 800.000MHz All combination of Frequency range Vs. Package type might not be available ,please contact factory.</p>																																															
<p>OUTPUT WAVEFORM</p> 	<p>Frequency Stability</p> <p>vs. Temperature: ±0.5 ppm to ±5.0ppm vs. Supply Voltage: ±0.1 / ±0.3 ppm max / Vdd ± 5% vs. Load: ±0.2 ppm max /15pF ±10% vs. Aging: ±1.0 ppm max/ year</p>																																															
<p>TEST CIRCUIT</p> 	<p>Temperature Range</p> <p>Operating: See Table 2 Storage: -55°C to 125°C</p>																																															
<p>TEST CIRCUIT</p> 	<p>Supply Voltage</p> <p>3.3V ± 5% 5.0V ± 5%</p>																																															
<p>TEST CIRCUIT</p> 	<p>Input Current</p> <p>24.000MHz ~ 800.000MHz 3.3 V , 5V 25mA max ~ 100mA max</p>																																															
<p>TEST CIRCUIT</p> 	<p>Output characteristics</p> <table border="1" data-bbox="917 1086 1508 1332"> <thead> <tr> <th></th> <th>pecl</th> <th>lvds</th> </tr> </thead> <tbody> <tr> <td>Voh Logic "1"</td> <td>Vdd-1.025v min.</td> <td>1.43v typ.</td> </tr> <tr> <td>Vol Logic "0"</td> <td>Vdd-1.620v max.</td> <td>1.10v typ.</td> </tr> <tr> <td>Rise Time Tr</td> <td>1.0 nsec max.</td> <td>1.0 nsec max.</td> </tr> <tr> <td>Fall Time Tf</td> <td>1.0 nsec min.</td> <td>1.0 nsec min.</td> </tr> <tr> <td>Duty Cycle</td> <td>50//50 ± 5%</td> <td>50//50 ± 5%</td> </tr> <tr> <td>Differential Output Vod(Lvds)</td> <td></td> <td>330mV typ.</td> </tr> <tr> <td>Offset Voltage Vos(Lvds)</td> <td></td> <td>1.2V typ.</td> </tr> </tbody> </table>			pecl	lvds	Voh Logic "1"	Vdd-1.025v min.	1.43v typ.	Vol Logic "0"	Vdd-1.620v max.	1.10v typ.	Rise Time Tr	1.0 nsec max.	1.0 nsec max.	Fall Time Tf	1.0 nsec min.	1.0 nsec min.	Duty Cycle	50//50 ± 5%	50//50 ± 5%	Differential Output Vod(Lvds)		330mV typ.	Offset Voltage Vos(Lvds)		1.2V typ.																						
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<p>TEST CIRCUIT</p> 	<p>Phase Noise (typical)</p> <p>20MHz offset</p> <ul style="list-style-type: none"> -80 dBc / Hz @ 10Hz -120 dBc / Hz @ 100Hz -135 dBc / Hz @ 1KHz -140 dBc / Hz @ 10KHz -145 dBc / Hz @100KHz 																																															
<p>TEST CIRCUIT</p> 	<p>Frequency Adjustment ±3ppm min by internal trimmer (OPTION)</p>																																															
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<p>Shock</p> <p>Vibration</p> <p>Solderability</p> <p>Seal integrity</p> <p>Marking</p>	<p>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</p>																																															
<p>TABLE1</p> <table border="1" data-bbox="638 1809 922 2087"> <thead> <tr> <th>Symbol</th> <th>Stability</th> </tr> </thead> <tbody> <tr><td>05</td><td>±0.5ppm</td></tr> <tr><td>10</td><td>±1.0ppm</td></tr> <tr><td>15</td><td>±1.5ppm</td></tr> <tr><td>20</td><td>±2.0ppm</td></tr> <tr><td>25</td><td>±2.5ppm</td></tr> <tr><td>30</td><td>±3.0ppm</td></tr> <tr><td>35</td><td>±3.5ppm</td></tr> <tr><td>50</td><td>±5.0ppm</td></tr> </tbody> </table>	Symbol	Stability	05	±0.5ppm	10	±1.0ppm	15	±1.5ppm	20	±2.0ppm	25	±2.5ppm	30	±3.0ppm	35	±3.5ppm	50	±5.0ppm	<p>TABLE2</p> <table border="1" data-bbox="928 1809 1519 2087"> <thead> <tr> <th>Symbol</th> <th>Temp.</th> <th>Symbol</th> <th>Temp.</th> </tr> </thead> <tbody> <tr><td>0</td><td>0°C</td><td>A</td><td>50°C</td></tr> <tr><td>1</td><td>-10°C</td><td>B</td><td>60°C</td></tr> <tr><td>2</td><td>-20°C</td><td>C</td><td>70°C</td></tr> <tr><td>3</td><td>-30°C</td><td>D</td><td>75°C</td></tr> <tr><td>4</td><td>-40°C</td><td>E</td><td>80°C</td></tr> <tr><td></td><td></td><td>F</td><td>85°C</td></tr> </tbody> </table>		Symbol	Temp.	Symbol	Temp.	0	0°C	A	50°C	1	-10°C	B	60°C	2	-20°C	C	70°C	3	-30°C	D	75°C	4	-40°C	E	80°C			F	85°C
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