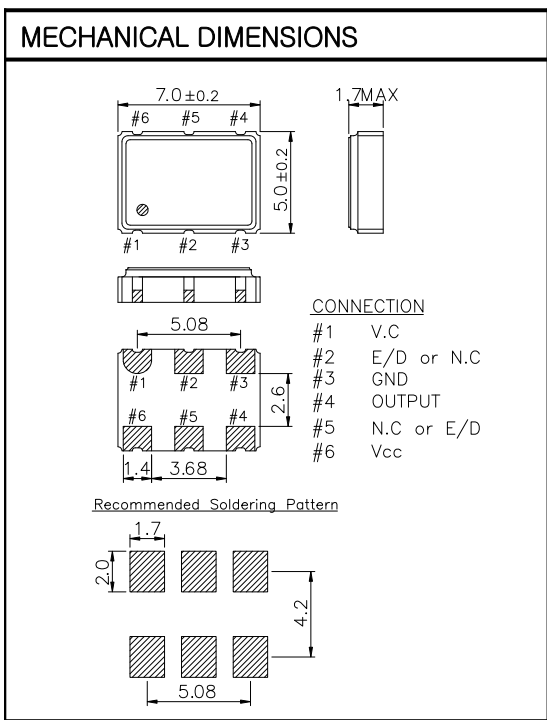
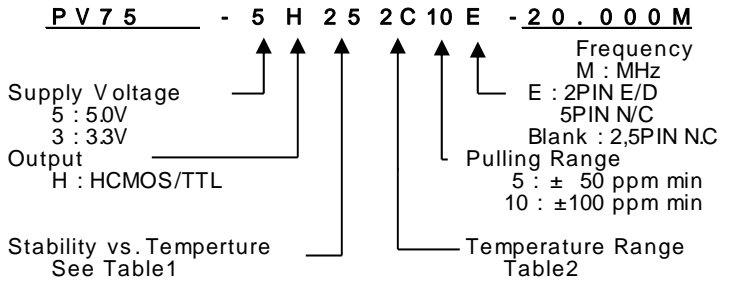


VCXO

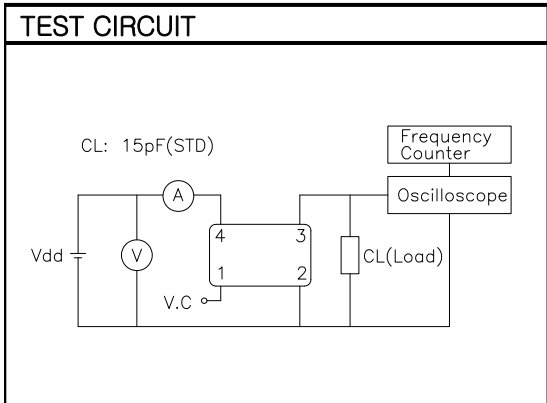
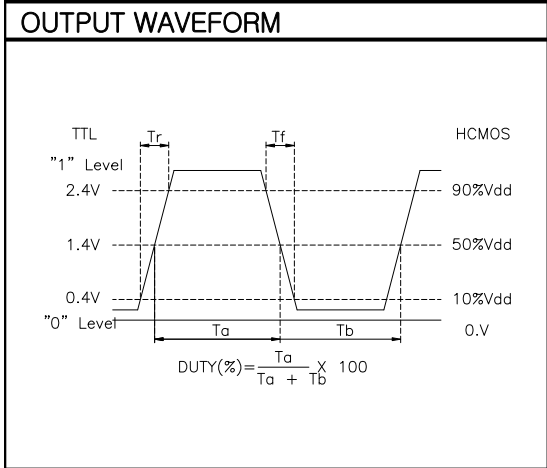
PV75 Series
HCMOS/TTL
6PAD SMD PACKAGE

* PART NUMBERING GUIDE



ELECTRICAL SPECIFICATION

Frequency range	1.544MHz to 170.000MHz All combination of Frequency range Vs. Package type can not be available ,please contact factory																			
Frequency Stability vs. Temperature vs. Aging	± 20 ppm to ±50ppm ±3.0 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	25mA max.																			
Output characteristics HCMOS / TTL	<table border="1"> <thead> <tr> <th></th> <th>HCMOS</th> <th>TTL</th> </tr> </thead> <tbody> <tr> <td>Logic "1"</td> <td>90% Vdd min</td> <td>2.4V min</td> </tr> <tr> <td>Logic "1"</td> <td>10% Vdd max</td> <td>0.4V min</td> </tr> <tr> <td>Load</td> <td>15pF</td> <td>10TTL</td> </tr> <tr> <td>Duty Cycle</td> <td>40/60</td> <td>40/60</td> </tr> <tr> <td>Rise & Fall</td> <td>10nS max</td> <td>10nS max</td> </tr> </tbody> </table>		HCMOS	TTL	Logic "1"	90% Vdd min	2.4V min	Logic "1"	10% Vdd max	0.4V min	Load	15pF	10TTL	Duty Cycle	40/60	40/60	Rise & Fall	10nS max	10nS max	
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Load	15pF	10TTL																		
Duty Cycle	40/60	40/60																		
Rise & Fall	10nS max	10nS max																		
Pull Characteristics																				
Pulling Range Control Range	±50ppm / ±100 ppm min 1.65V ± 1.5V (Vdd : 3.3V) 2.5V ± 2.5V (Vdd : 5.0V)																			
Linearity	10% max.																			
E/D function	PIN2 : 0.7Vdd min. , or open , output Enabled PIN2 : 0.3Vdd max. , output Disabled																			
RMS Jitter(12KHz~20MHz)	1.0ps max.																			



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

Symbol	Stability
20	± 20ppm
30	± 30ppm
50	± 50ppm
XX	± XXppm

TABLE2

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