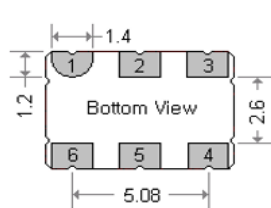
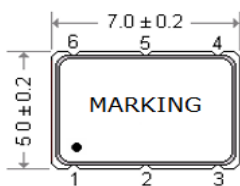


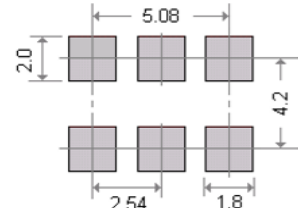
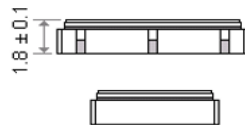
### ● SPECIFICATION

Model	OD-S7 Series	
Power supply voltage	2.5V DC $\pm$ 5%	3.3V DC $\pm$ 5%
Output level	LVDS	
Frequency range	10.000 ~ 1,500.000 MHz	
Storage temperature range	- 55°C ~ + 125°C	
Operation temperature range	- 10°C ~ + 70°C , - 40°C ~ + 85°C , - 40°C ~ + 125°C	
Frequency stability	$\pm$ 25 ppm ~ $\pm$ 100ppm	
Current consumption	50mA max	
Output Load	100 $\Omega$	
Output voltage level (VOH)	1.60V max.	
Output voltage level (VOL)	0.90V min.	
Start-up Time	10 m sec. max.	
Duty cycle	45% ~ 55%	
Rise / Fall Time	0.5ns max.	
Phase Jitter RMS (12KHz~20MHz)	2.0ps max.	
Aging at 25°C	$\pm$ 2.0ppm max. in the 1st year	
Tri-state OE (Pad 1)	Enable : 70% VDD min.	
	Disable : 30% VDD max.	

### ● DIMENSIONS (mm)



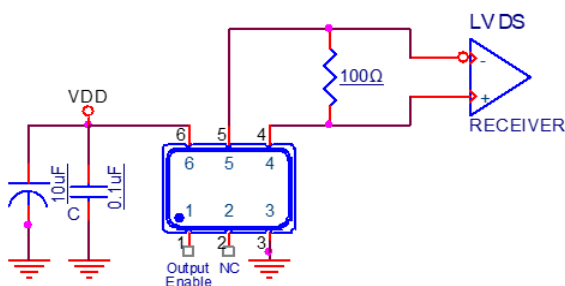
Pad Connections :



Recommended Land Pattern

- Pad 1 : OE
- Pad 2 : No connection
- Pad 3 : Ground
- Pad 4 : Output
- Pad 5 : Complimentary output
- Pad 6 : Supply voltage

### ● TEST CIRCUIT



### ● OUTPUT WAVEFORM

