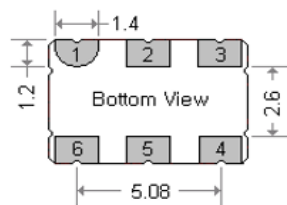
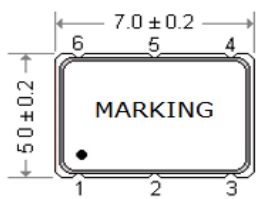


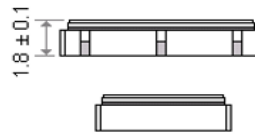
● SPECIFICATION

Model	OSCLD-S7 Series	
Power supply voltage	2.5V DC $\pm 5\%$	3.3V DC $\pm 10\%$
Output level	LVDS	
Frequency range	10.000 ~ 320.000 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	± 25 ppm ~ ± 100 ppm	
Current consumption	50mA max	110mA max
Output Load	100 Ω	
Output voltage level (VOH)	1.60V max.	
Output voltage level (VOL)	0.90V min.	
Differential Output voltage	247mV (min.) 330mV (Typ.) 454V (max.)	
Start-up Time	10 m sec. max.	
Duty cycle	45% ~ 55%	
Enable input voltage (VIH)	1.750V min.	2.310V min.
Disable input voltage (VIL)	0.750V max.	0.990V max.
RISE / FALL TIME (20% / 80%)	1.0nS max.	
Phase Jitter RMS (12KHz~20KHz)	1ps max.	5ps max.
AGING	± 3 ppm / Year	

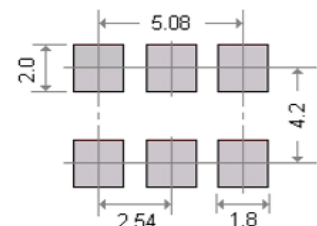
● DIMENSIONS (mm)



Pad Connections :

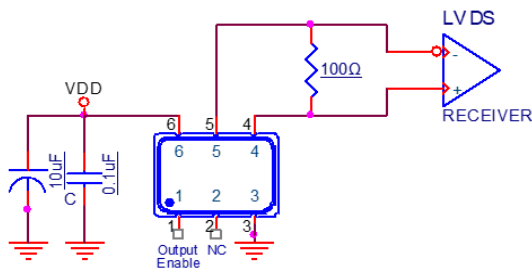


- Pad 1 : OE
- Pad 2 : No connection
- Pad 3 : Ground
- Pad 4 : Output
- Pad 5 : Complimentary output
- Pad 6 : Supply voltage



Recommended Land Pattern

● TEST CIRCUIT



● OUTPUT WAVEFORM

