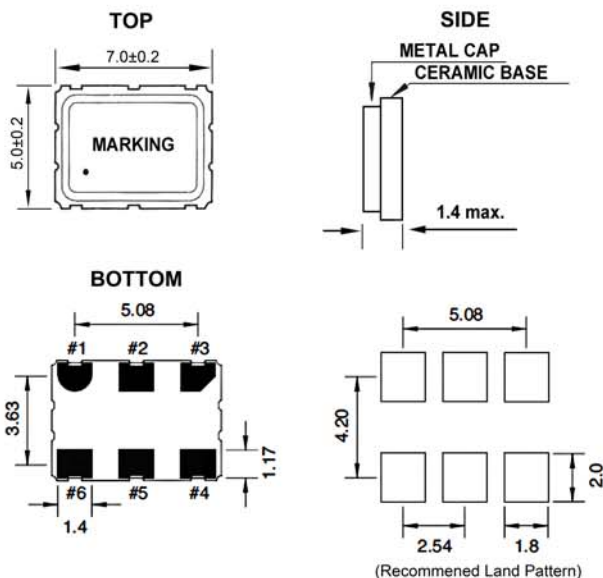


● SPECIFICATION

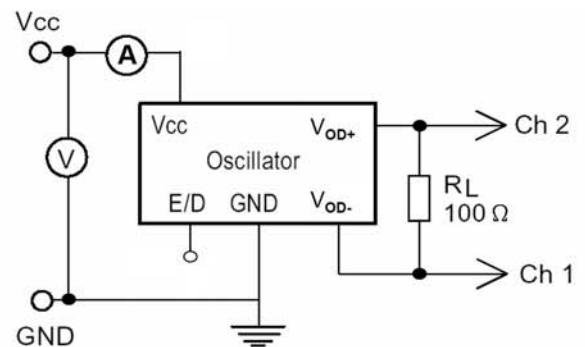
Model	OSC-S7 LVDS SERIES		
Power supply voltage	2.5V±5%	3.3V±5%	3.3V±5%
Output level	LVDS		
Frequency range	15.000~160.000MHz		160.000~622.080MHz
Storage temperature range	-55°C ~ +125°C		
Operating temperature range	-10°C ~ +70°C , -40°C ~ +85°C		
Frequency stability	±25ppm ~ ±100ppm		
Current consumption	50mA(Max.)		110mA(Max.)
Output Load	100Ω		
Output voltage level (V _{OH})	1.60V _{max.}		
Output voltage level (V _{OL})	0.90V _{min.}		
Differential Output voltage	247mV(min.) 330mV(Typ.) 454mV(max.)		
Offset voltage	1.125V(min.) 1.250V(Typ.) 1.375V(max.)		
Duty cycle	45%~55%		
Enable input voltage(V _{IH})	1.750V _{min.}	2.310V _{min.}	2.310V _{min.}
Enable input voltage(V _{IL})	0.750V _{max.}	0.990V _{max.}	0.990V _{max.}
RISE / FALL TIME(20%/80%)	40.000 ~ 100.000MHz: 1.0nS max.		
	100.000 ~ 160.000MHz : 0.5nS max.		
	160.000 ~ 622.080MHz : 0.7nS max.		
Phase Jitter RMS (12KHz~20MHz)	1ps(Max.)		5ps(Max.)
AGING	±3ppm/Year		

● DIMENSION (mm)



#1 E/D, #2 N.C., #3 GND
#4 Q, #5 QN, #6 VDC

● TEST CIRCUIT



● OUTPUT WAVEFORM

