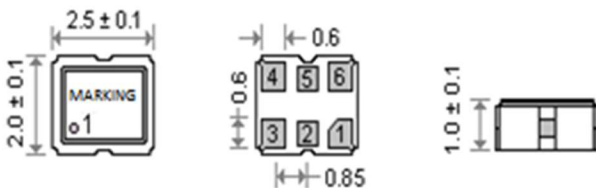


● SPECIFICATION

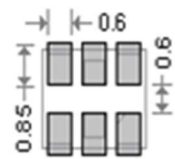
Model	OSCLP-S22 Series						
Power supply voltage	2.5V DC $\pm 5\%$			3.3V DC $\pm 5\%$			
Output level	LVPECL						
Frequency range	13.500 ~ 220.000 MHz						
Storage temperature range	- 55°C ~ + 125°C						
Operation temperature range	- 20°C ~ + 70°C , - 40°C ~ + 85°C , - 40°C ~ + 125°C , specify						
Frequency stability	± 25 ppm ~ ± 100 ppm						
Current consumption	30 mA (typ) , 50 mA (max)						
Output Load	50 Ω						
Output voltage level (VOH)	Vcc - 1.025V (min)						
Output voltage level (VOL)	Vcc - 1.62V (max)						
Start-up Time	5 mS (typ) , 10 mS (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%)	0.3 nS (typ) , 0.6 nS (max)						
Phase Jitter RMS (12KHz~20KHz)	0.2 pS (typ) , 0.5 pS (max)						
SSB Phase Noise [dBc / Hz (typ.)]	Offset	10 Hz	100 Hz	1 KHz	10 KHz	100 KHz	1 MHz
	62.5 MHz	-50	-82	-116	-138	-144	-149
	156.250 MHz	-50	-80	-115	-135	-142	-147
AGING	± 3 ppm / Year (max)						

● DIMENSIONS (mm)



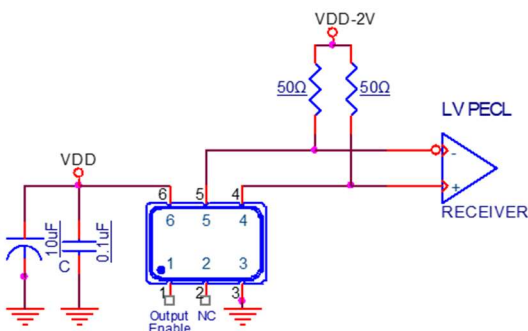
Pad Connections :

Pad 1 : OE
 Pad 2 : No Connection
 Pad 3 : Ground
 Pad 4 : Output
 Pad 5 : Complementary
 Pad 6 : Supply Voltage



Recommended Land Pattern

● TEST CIRCUIT



● OUTPUT WAVEFORM

