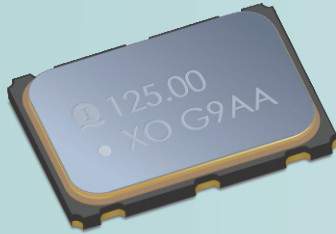




## SPXO 7050 (149-F SERIES) LVDS Output



\*NRND

### FEATURES

- High reliability seam welded package
- Excellent low phase noise and jitter
- Suitable for 5G Network terminal
- High Reliability and stability
- RoHS Compliant and Pb Free

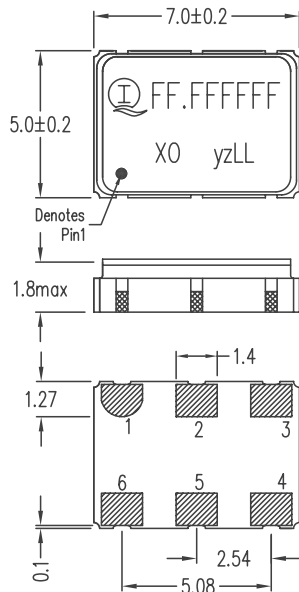
### Electrical Specifications

Parameters	Specifications	
Output Waveform 输出波形	LVDS	
Frequency Range 频率范围	20MHz ~ 200MHz	
Supply Voltage Range (Vdd) 工作电压范围	1.8V, 2.5V ~ 3.3V	
Overall Frequency Stability 总频率偏差	±50ppm or specify	
Operating Temperature Range 工作温度范围	-20°C ~ +70°C, -40°C ~ +85°C	
Current Consumption (Idd) 消耗电流	50mA Max.	
Rise & Fall Time 上/下沿时间	1ns Max.	
Output Symmetry 输出对称性	45% ~ 55%	
Output Voltage 输出电压	V <sub>OH</sub>	1.43V typ. 1.6V max
	V <sub>OL</sub>	1.1V typ. 0.9V min
Output Load 输出负载	100Ω Between OUT and OUTN	
Start-up Time 起动时间	10ms Max.	
Storage Temperature Range 储存温度范围	-55°C ~ +125°C	
Phase Jitter (12KHz~20MHz) 相位抖动	1 pSec @ 155MHz	

\*\* Inclusive of initial frequency tolerance at 25°C, operating temperature range, supply voltage change, load variation and 1st year aging.  
包括在常温频率偏差, 工作温度范围的频率偏差, 首年老化率, 工作电压及负载变化造成的频率偏差。

Please consult our sales representatives for other specifications. 如对其他规格查询, 请与我司销售人员联系。

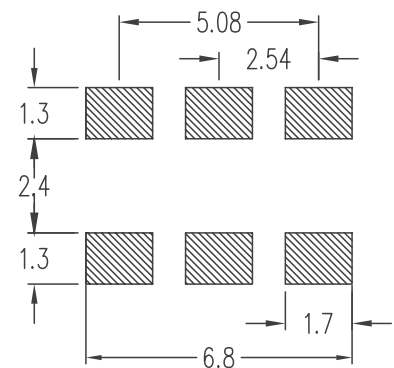
### Dimensions



### PIN CONNECTION

P/N	1491
1	Enable/Disable
2	NC
3	GND
4	Output
5	Output
6	VDD

DIMENSION (mm)



SOLDERING PATTERN (mm)

All specifications are subject to change without prior notice. 本公司保留修改规格的权利。