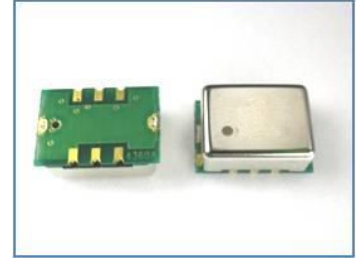


## LVPECL VCXO

## VXSG-Z7SA Series

## ◆特長・用途/Feature

- ・SMD Package
- ・Low Phase noise 80MHz, 120MHz, 122.88MHz
- ・Supply Voltage +3.3V
- ・Output Level LVPECL
- ・Frequency range 80MHz ~ 130MHz

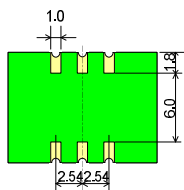
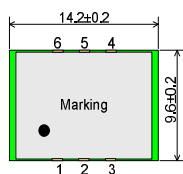


## ◆仕様/Specifications

RoHS Compliant

項目 / item	Min	Max	単位 / unit	Note	
出力周波数 Frequency range	80	130	MHz	--	
動作温度範囲 Operating Temp. range	-30	+85	°C	--	
電源電圧 Power Supply voltage	+3.3		V	--	
消費電流 Current	--	80	mA	--	
周波数安定度 Freq. Overall tolerance	±35		10 <sup>-6</sup>	Inclusive of initial tolerance , operating temperature , supply voltage change and aging 1 <sup>st</sup> year.	
周波数可変範囲 Freq. control range	±41	--	10 <sup>-6</sup>	Control Voltage(VC) : +0V~+3.3V Input impedance : 47kΩ min.	
出力レベル Output level	VOH	+2.22	--	V	--
	VOL	--	+1.70	V	--
Rise time , Fall time	--	2	ns	--	
Duty Cycle	45	55	%	at +1.96V	
位相雑音 Phase noise	--	-100	dBc/Hz	100Hz Offset	
	--	-130	dBc/Hz	1kHz Offset	

## ◆外形寸法/Dimensions unit : mm



## Terminal Connections

Terminal	Connection
1	Vc or NC
2	NC
3	GND
4	Output
5	Output
6	VDD

Pin#1 is NC for SPXOTCXO

## ◆Phase noise DATA

