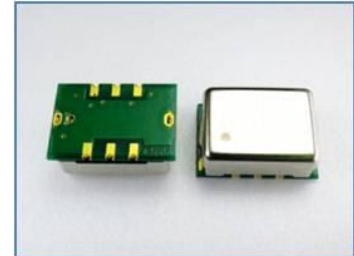


# LVC MOS VCXO

# VXSG-06H Series

## ◆特長・用途/Feature

- SMD Package
- Supply Voltage     **+3.3V**
- Output Level       **LVC MOS**
- Frequency range   **15MHz ~ 120MHz**



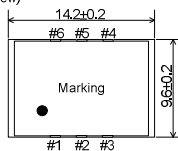
## ◆仕様/Specifications

RoHS Compliant

項目 / item		Min	Max	単位 / unit	Note	
出力周波数 Frequency range		15	120	MHz	--	
動作温度範囲 Operating Temp. range		0	+70	°C	--	
電源電圧 Power Supply voltage		+3.3		V	--	
消費電流 Current		--	25	mA	--	
周波数安定度 Freq. Overall tolerance		±40		10 <sup>-6</sup>	Inclusive of initial tolerance , operating temperature , supply voltage change and Load change.	
周波数可変範囲 Freq. control range		±100	--	10 <sup>-6</sup>	Control Voltage (VC) : +0.15V~+3.15V Input impedance : 56kΩ min.	
出力レベル Output level	VOH	80%V <sub>DD</sub>	--	V	--	
	VOL	--	20%V <sub>DD</sub>	V	--	
Rise time , Fall time		--	5	ns	15 ~ 25MHz	20%V <sub>DD</sub> ⇔ 80%V <sub>DD</sub>
		--	3	ns	25.1 ~ 70MHz	
		--	2	ns	70.1 ~ 120MHz	
Duty Cycle		40	60	%	50%V <sub>DD</sub>	

## ◆外形寸法/Dimensions unit : mm

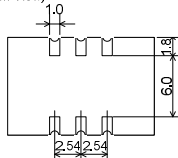
(Top View)



(Side View)



(Bottom View)



Terminal Connections

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

Pin#1 is NC for SPXQVCXO