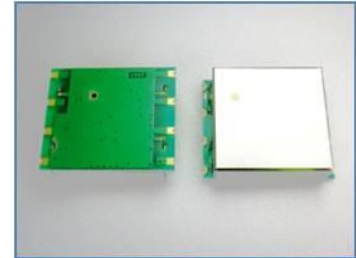


LVPECL VCXO

VXSW-Z7S7 Series

◆特長・用途/Feature

- ・SMD Package
- ・Low Phase noise
- ・Supply Voltage **+3.3V**
- ・Output Level **LVPECL**
- ・Frequency range **400MHz ~ 500MHz**



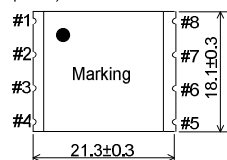
◆仕様/Specifications

RoHS Compliant

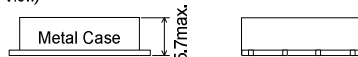
項目 / item	Min	Max	単位 / unit	Note	
出力周波数 Frequency range	400	500	MHz	--	
動作温度範囲 Operating Temp. range	-30	+85	°C	--	
電源電圧 Power Supply voltage	+3.3		V	--	
消費電流 Current	--	100	mA	--	
周波数安定度 Freq. Overall tolerance	±40		10 ⁻⁶	Inclusive of initial tolerance , operating temperature , supply voltage change and aging 1 st year.	
周波数可変範囲 Freq. control range	±45	--	10 ⁻⁶	Control Voltage (VC) : +0V~+3.3V	
出力レベル Output level	VOH	+2.22	--	V	--
	VOL	--	+1.70	V	--
Rise time , Fall time	--	2	ns	+1.7V⇔+2.22V	
Duty Cycle	40	60	%	at +1.96V	
位相雑音 Phase noise (参考値)	--	-70	dBc/Hz	10Hz Offset	
	--	-100	dBc/Hz	100Hz Offset	
	--	-120	dBc/Hz	1kHz Offset	
	--	-130	dBc/Hz	10kHz Offset	
	--	-135	dBc/Hz	100kHz Offset	
	--	-140	dBc/Hz	1MHz Offset	

◆外形寸法/Dimensions unit : mm

(Top View)



(Side View)



(Bottom View)



Terminal Connections

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

Pin#4 is NC for SPXO/TCXO

◆Phase noise DATA

