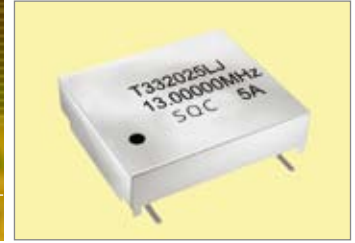


VCX82

VOLTAGE-CONTROLLED CRYSTAL OSCILLATOR

SMD



TYPICAL APPLICATIONS

Gigabit Ethernet, Fiber Channel Routers/Hubs, Digital Switching Networks, SONET/ATM/SDH System Equipment, High Resolution Video

FEATURES

SMD Design, Wide Frequency Range, Low Phase Jitter with Direct Oscillation, Surface Mount Type, RoHS Compliant Optional

DIMENSION

11.4x9.6x3.9[mm]

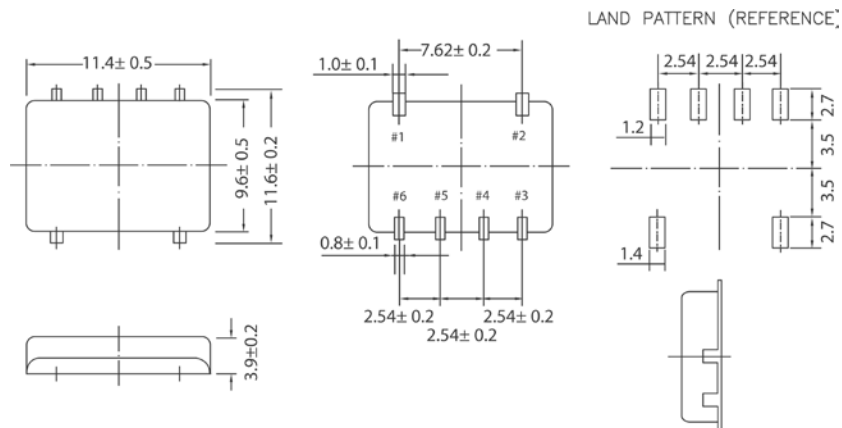
TYPICAL SPECIFICATIONS

Model		VCX82		
Nominal Frequency Range		50 ~ 168 MHz		
Frequency Stability		±50 ppm Max.		
Aging (+25°C)		±7.5 ppm / 10 years Max.		
Temperature Range	Operating	-10°C ~ +70°C		
	Storage	-40°C ~ +85°C		
Power Supply Voltage(VDC)		-5.2 VDC(± 5%)	+5VDC(± 5%)	+3.3VDC (± 5%)
Current Consumption		60mA Max.		
Output	Load	50 Ω		
	Level	ECL	PECL	
	Symmetry	40 ~ 60%		
	Rise & Fall Time	Optional, Per Customer Specification		
	Voltage "0" level	Vol : 1.62Vcc Max.		
		"1" level	Voh : 1.025Vcc Min.	
	Phase Noise (@ 1.0KHz) [dBc/Hz]	Optional, Per Customer Specification		
Period Jitter RMS	Optional, Per Customer Specification			
Phase Jitter RMS	Optional, Per Customer Specification			
Total Jitter RMS		Optional, Per Customer Specification		
Pull Characteristics	Pullability	±100 ppm Min / +2.5±2.0V		±70 ppm Min / +1.65±1.6V
	Polarity	Positive		
Control				

Please consult with our sales department for other parameters.

OUTLINE DIMENSIONS

Unit:mm



All specifications are subject to change without notice.