

VCX83

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, High Frequency, Low Jitter, RoHS Compliant Optional

DIMENSION

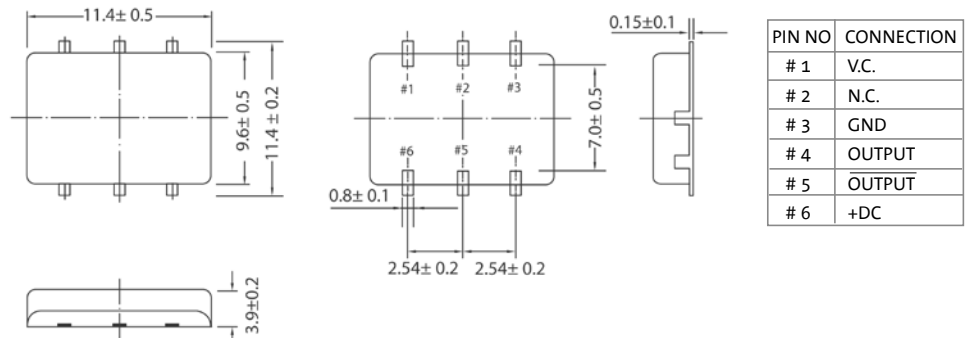
11.4x9.6x3.9[mm]

TYPICAL SPECIFICATIONS

Model	VCX83		
Nominal Frequency Range	622.08 ~ 669.3266MHz		
Standard Frequency	622.08, 625, 644.5313, 666.5143, 669.3266MHz		
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)	+3.3V (± 5%)		
Current Consumption	100mA Max.		
Output	Load	50 Ω	
	Level	PECL(Complementary)	
	Symmetry	40 ~ 60 % (+2.0V)	
	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 / (Vc=1.65±1.5V)	
	Polarity	Positive	

Please consult with our sales department for other parameters.

OUTLINE DIMENSIONS
Unit:mm



All specifications are subject to change without notice.