

VCX94 PECL

VOLTAGE-CONTROLLED CRYSTAL OSCILLATOR

DIP



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 Jitter, RoHS Compliant Optional

DIMENSION

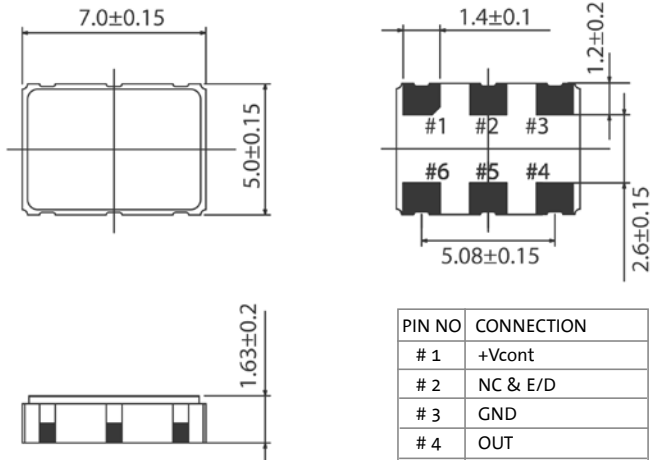
7.0x5.0x1.63[mm]

TYPICAL SPECIFICATIONS

Model	VCX94 PECL		
Nominal Frequency Range	1.544~700.000MHz (Divide, Multi)		
Frequency Stability	±20 ppm(0°C~70°C), ±25 ppm, ±50 ppm, ±100 ppm Max.		
Temperature Range	Operating	0°C to +70°C(Standard), -40°C to +85°C (Option)	
	Storage	-55°C ~ +85°C	
Power Supply Voltage(VDC)	+ 3.3V (± 5%)		
Current Consumption	75mA Max.		
Output	Load	50 Ω	
	Level	PECL	
	Symmetry	50% ±5% Max (50% of Waveform)	
	Rise & Fall Time	1nS Max (20% ~ 80% of Waveform)	
	Start Up Time	10mS Max.	
	Voltage	"0" level	Vol : -1.620Vcc Max.
		"1" level	Voh : -1.025Vcc Min.
Phase Jitter RMS	3.5ps Max @ 12KHz to 20MHz		
Pull	Pullability	±100 ppm min / (1.65±1.65V)	
	Control Voltage	1.65±1.65V	

Please consult with our sales department for other parameters.

OUTLINE DIMENSIONS
Unit:mm



PIN NO	CONNECTION
# 1	+Vcont
# 2	NC & E/D
# 3	GND
# 4	OUT
# 5	Comp OUT
# 6	Vcc

All specifications are subject to change without notice.