

OSC57B LVDS

CRYSTAL OSCILLATOR

SMD



TYPICAL APPLICATIONS

SONET, SDH, Gbits, Ethernet, IEEE1394, Fibre Channel

FEATURES

Miniature, Ceramic SMD Package, Seam Sealed, Lead-free Design, Differential LVDS(Low Voltage Differential Signaling) Output, RoHS Compliant Standard

DIMENSION

7.0x5.0x1.6[mm]

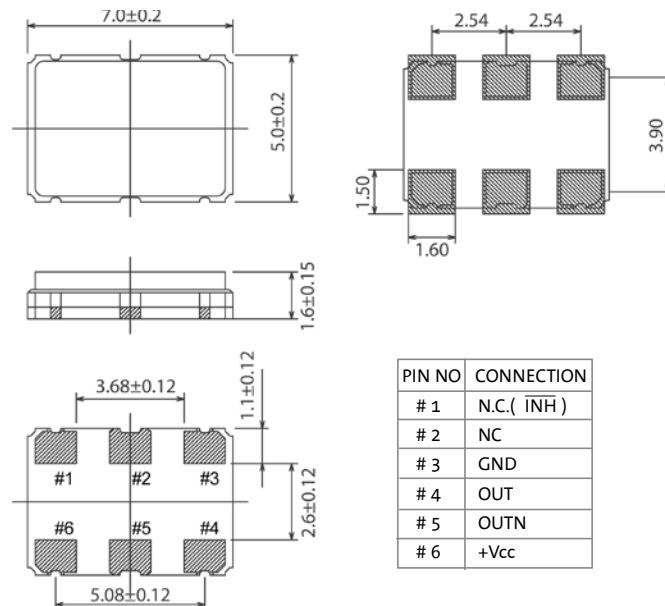
TYPICAL SPECIFICATIONS

Model	OSC57B LVDS		
Nominal Frequency Range	100~164.335MHz		
Standard Frequency	100, 106.25, 108, 125, 133, 155.52, 156.25, 161.123, 164.355MHz		
Frequency Stability	±30 ppm, ±50 ppm, ±100 ppm		
Aging (+25°C)	±5 ppm / year Max.		
Temperature Range	Operating	-10°C ~ +70°C	
	Storage	-40°C ~ +85°C	
Power Supply Voltage(VDC)	+3.3V(±5%), +2.5V(±5%)		
Input Voltage	"0" level	Vol : 0.3Vcc Max.	
	"1" level	Voh : 0.7Vcc Min.	
Current Consumption	55mA Max.		
Output	Load	100Ω (OUT-OUTN)	
	Level	LVDS	
	Symmetry	45% ~ 55% @ Output Amplitude 50%	
	Rise & Fall Time	1ns Max.@ Output Amplitude 20%~80%	
	Voltage	"0" level	Vol : 0.9Vcc Max.
		"1" level	Voh : 1.6Vcc Min.
Differential Output Voltage	0.33V Typ.		
Offset Voltage	1.25V Typ.		
Period Jitter RMS	5ps Max.(3ps typ.)		



Please consult with our sales department for other parameters.

OUTLINE DIMENSIONS
Unit:mm



PIN NO	CONNECTION
# 1	N.C.(INH)
# 2	NC
# 3	GND
# 4	OUT
# 5	OUTN
# 6	+Vcc

All specifications are subject to change without notice.