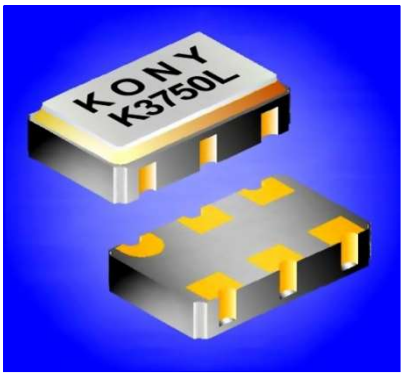
SPECIFICATION OF OSCILLATOR

K3750L Series

Crystal Oscillators



Application

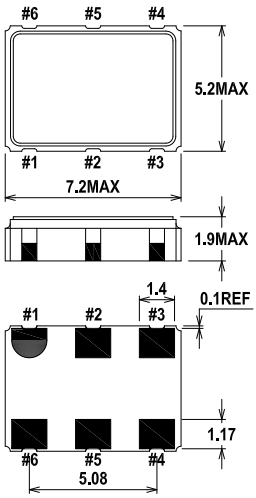
-. 1/10 Gigabit Ethernet,
-. SONET/SDH linecards.
-. 2/4/10G FibreChannel
-. Serial Attached SCSI(SAS)
-. Server & Storage platforms
-. Network Processors
-. Pb free product

Options

-. TAPE & REEL

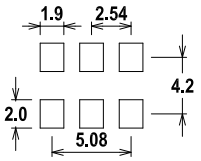
Pb ROHS COMPLIANT

Dimension(mm)

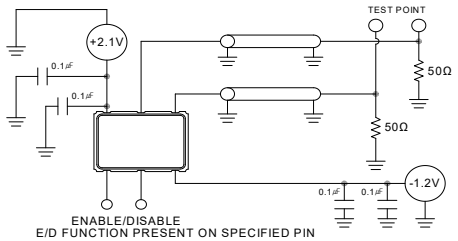


PIN CONNECTION			
NO	K3750LXA	K3750LXB	K3750LXC
#1	N/C	EN	N/C
#2	N/C	N/C	EN
#3	VEE	VEE	VEE
#4	OUT	OUT	OUT
#5	OUT	OUT	OUT
#6	VCC	VCC	VCC

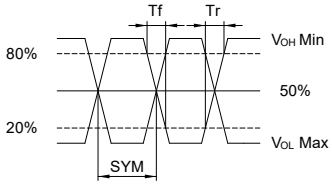
Recommended Land Pattern



Test Circuit



Output Waveform



Standard Specification

(Nominal frequency referenced to frequency at 25 ℃±2 ℃)

	K3750L
Logic Family	LVDS
Frequency Range	25 ~ 200MHz
Frequency Stability	+/-20ppm , +/-25ppm , +/-50ppm , +/-100ppm
Operating Temp.Range	0℃ ~ +70℃, -40℃ ~ +85℃
Storage Temp.Range	-55℃ ~ +125℃
Input Voltage	+3.3 Vdc ± 10%
Input Current	90mA Max
Amplitude Differential	500 ~ 900mVp-p
Rise & Fall Time	1ns Max
Symmetry	45% ~ 55% (@ +50% of waveform)
Output Load	100Ω and 5pF LVDS

Parts Number Guide

Classification	Description									
Example	K	3	7	5	0	L	C	E	--	104.000000 MHz (Frequency)
Logo	K									KONY
Supply Voltage		3								3.3Volt
Package size			7	5						7 X 5mm
Temperature Range					0					0 ~ +70C
					2					-40 ~ + 85C
Logic						L				LVDS
Frequency Stability							AA			+/-20ppm
							A			+/-25ppm
							B			+/-50ppm
							C			+/-100ppm
Output Enable/Disable Function								A		No EN
								B		PIN1-EN ,Pin2-NC
								C		PIN1-NC,Pin2-EN

All specifications are subject to change without notice

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