

KCO-990 Series

Ceramic SMD Crystal LVDS Oscillators

Frequency range	80.000 ~ 400.000 MHz	
Frequency stability	± 50ppm	
Operating temperature range	0 ~ +70	
Storage temperature range	-55 ~ +125	
Input voltage	2.5, 3.0, 3.3V ± 5%	
Input current	66mA Max(~250.0 MHz) 73mA Max(~251.0 MHz)	
Output Signal	VOH	1.43V (Typ.)
	VOL	1.10V (Typ)
Output Load	100	(Offset 1.25V Typ)
Rise & Fall time	0.7ns Max	
Duty Cycle	40:60	
Jitter (Phase jitter RMS, 12KHz to 20MHz Band)	1ps Max.	

All specifications are subject to change without notice.

Enable – disable	
input pin #1	output pin #4 #5
H or open 0.7V _{cc} MIN	RF – signal
L 0.3V _{cc} MAX	HI – Z

Enable Phase Delay Time 2ms max
Disable Phase Delay Time 200ns max

Land Pattern Layout (Example)

#1 E/D
#2 N/C
#3 V_{ss}
#4 OUT
#5 OUTN
#6 V_{cc}

Dimension in mm