

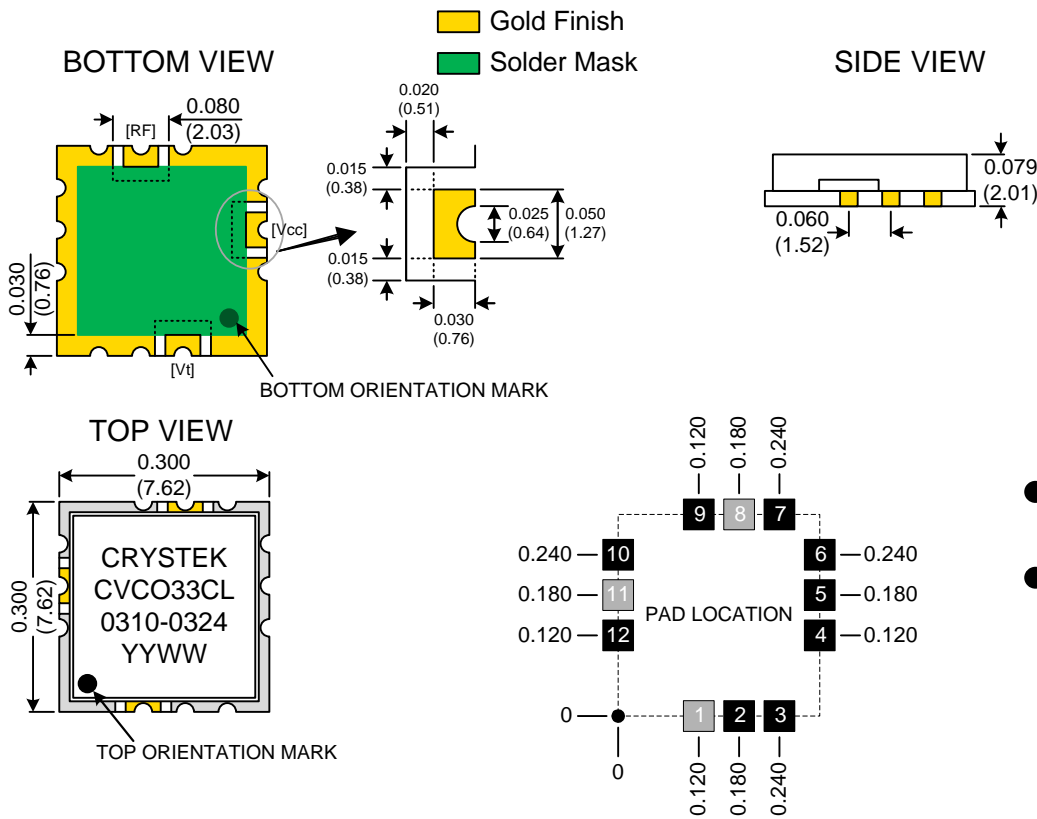


CRYSTEK
MICROWAVE
 A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO

CVCO33CL-0310-0324

PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			310	MHz
Upper Frequency:	324			MHz
Tuning Voltage:	0.1		2.9	VDC
Supply Voltage:	2.85	3.0	3.15	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:			15	mA
Harmonic Suppression (2 nd Harmonic):		-15	-10	dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		4.0		MHz pk-pk
Tuning Sensitivity:		6.5		MHz/V
Phase Noise @ 10kHz offset:		-105		dBc/Hz
Phase Noise @ 100kHz offset:		-125		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			100	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$



Pad	Connection
1	Vt
8	RF-OUTPUT
11	Vcc
Others	GROUND

- Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{(\text{mm})}$
- Pad Location Dimensions are in: Inches



Product Control:

Crystek Part Number:	CVCO33CL-0310-0324	Release Date:	14-Apr-2014
Revision Level:	A	Responsible:	C. Vales



CRYSTEK
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