

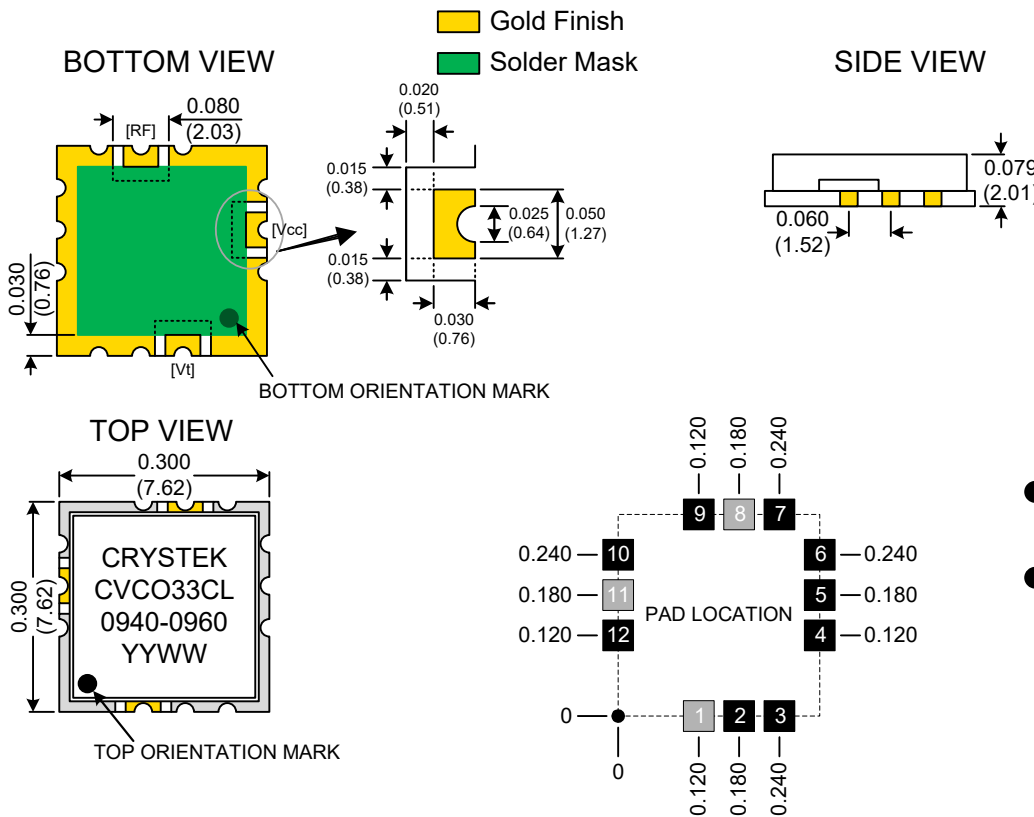


CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO

CVCO33CL-0940-0960

PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			940	MHz
Upper Frequency:	960			MHz
Tuning Voltage:	0.5		2.8	VDC
Supply Voltage:	2.97	3.3	3.63	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:		15		mA
Harmonic Suppression: (2 nd Harmonic)			-10	dBc
Pushing:		3.0		MHz/V
Pulling, all Phases:		5.0		MHz pk-pk
Tuning Sensitivity:		15		MHz/V
Phase Noise @ 10kHz offset:		-109		dBc/Hz
Phase Noise @ 100kHz offset:		-129		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			56	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$



Product Control:

Crystek Part Number:	CVCO33CL-0940-0960	Release Date:	17-Dec-2019
Revision Level:	A	Responsible:	C. Vales



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