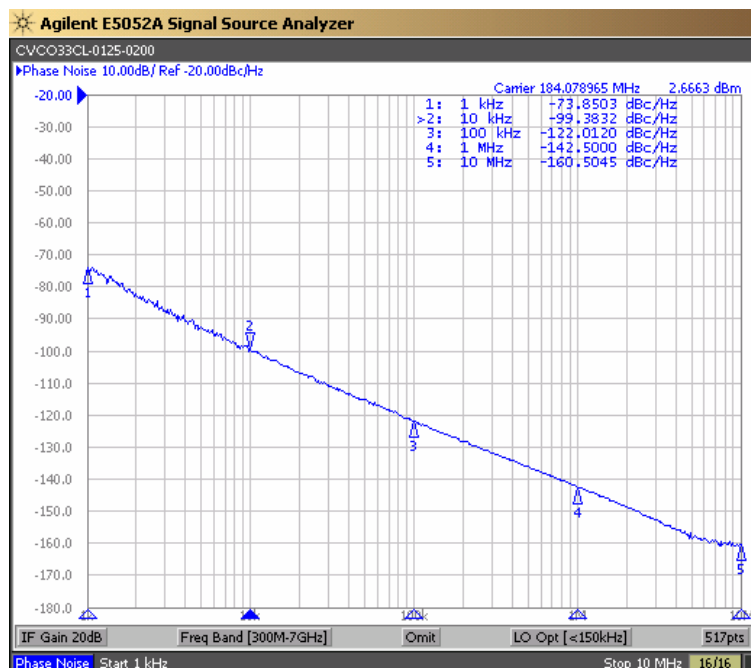


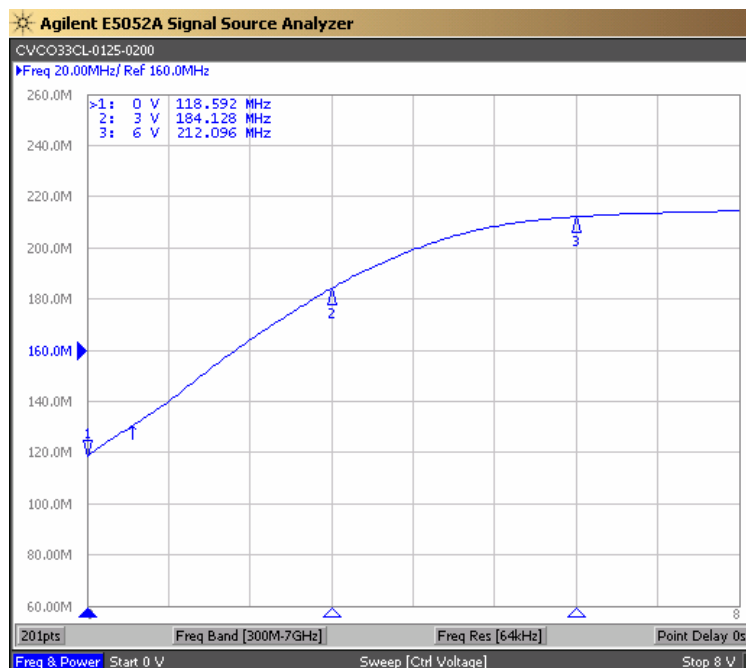


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			125	MHz
Upper Frequency:	200			MHz
Tuning Voltage:	0		6.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+5.0	+10.0	dBm
Supply Current:		8	15	mA
Harmonic Suppression (2 nd Harmonic):		-15		dBc
Pushing:		3.0	6.0	MHz/V
Pulling, all Phases:		3.0	5.0	MHz pk-pk
Tuning Sensitivity:		14		MHz/V
Phase Noise @ 10kHz offset:		-100	-97	dBc/Hz
Phase Noise @ 100kHz offset:		-122	-119	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			100	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)

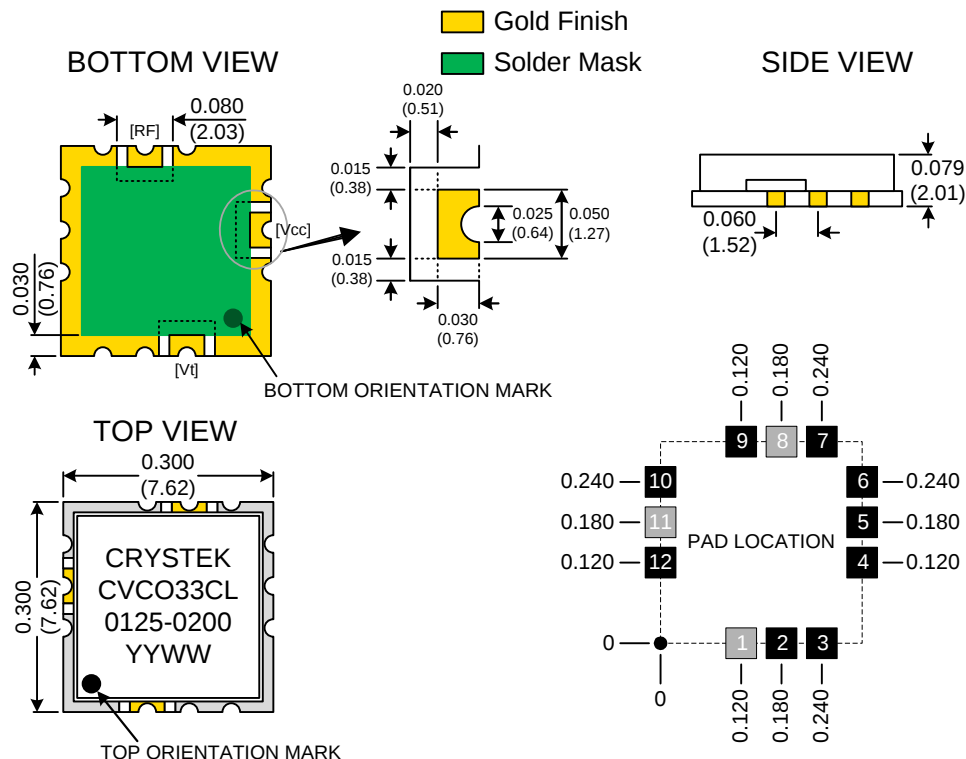




CRYSTEK
MICROWAVE
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Voltage Controlled Oscillator-VCO

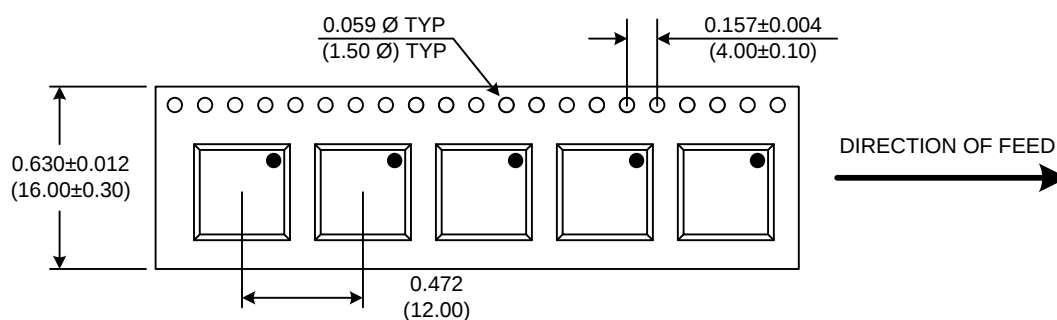
CVCO33CL-0125-0200



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

- Unless otherwise specified, Dimensions are in: IN (mm)
- Pad Location Dimensions are in: Inches

TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO33CL-0125-0200	Release Date:	14-Nov-12
Revision Level:	F	Responsible:	C. Vales

Specification is subject to change without notice

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