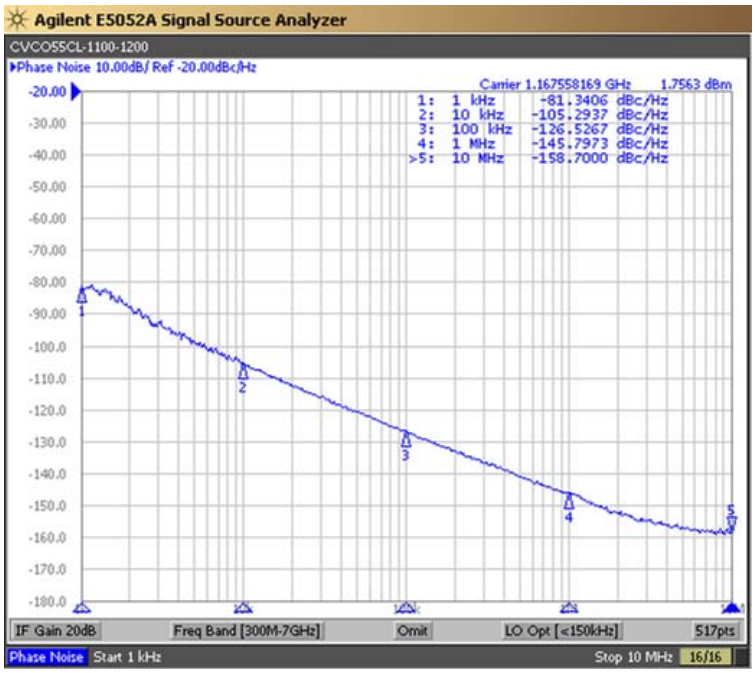
CRYSTEK MICROWAVE
A Division of Crystek Corporation

Voltage Controlled Oscillator-VCO
CVCO55CL-1100-1200

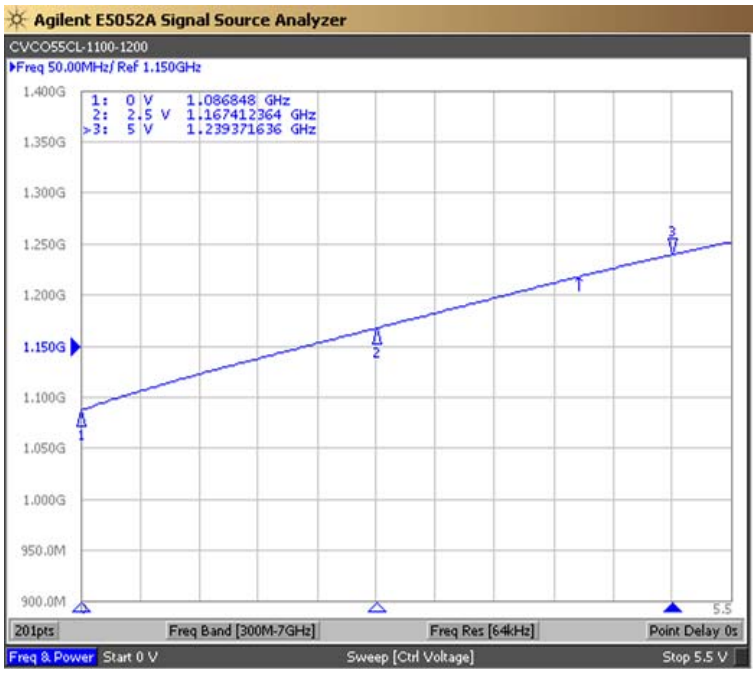
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1100	MHz
Upper Frequency:	1200			MHz
Tuning Voltage:	0		5.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+2.0	+4.0	dBm
Supply Current:			25	mA
Harmonic Suppression (2nd Harmonic):		-20		dBc
Pushing:			1.0	MHz/V
Pulling, all Phases:			1.0	MHz pk-pk
Tuning Sensitivity:		35		MHz/V
Phase Noise @ 10kHz offset:		-104		dBc/Hz
Phase Noise @ 100kHz offset:		-126		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			47	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C

RoHS Compliant

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



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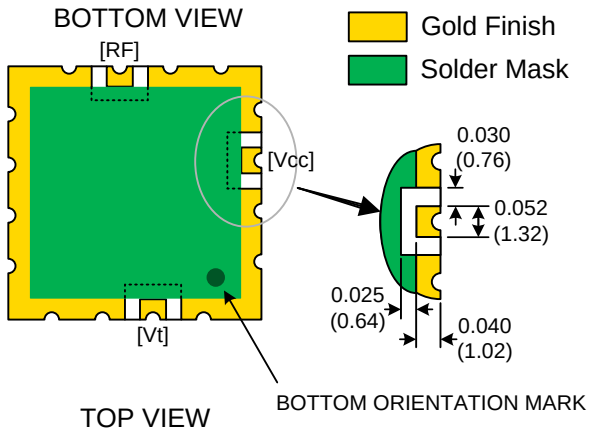
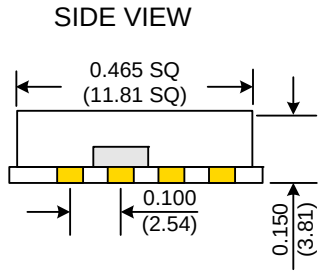
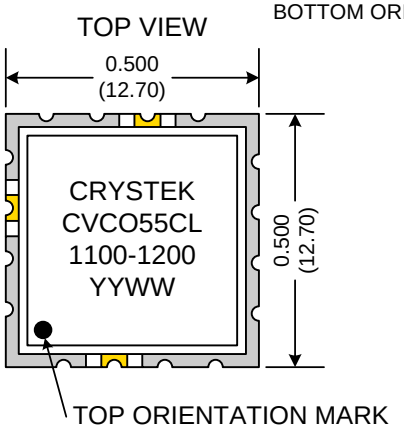
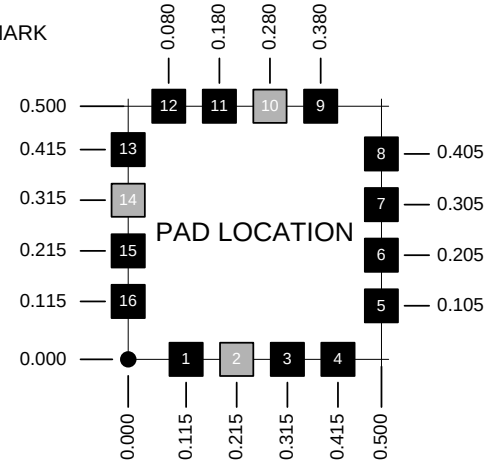
Voltage Controlled Oscillator-VCO
CVCO55CL-1100-1200





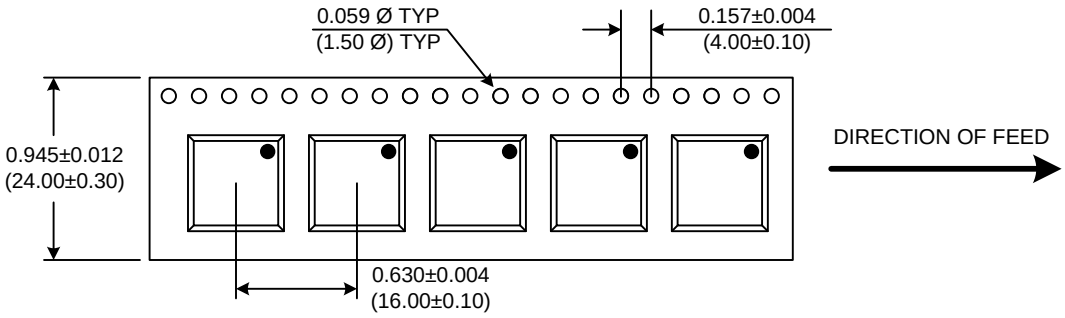




Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

- 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:	CVCO55CL-1100-1200	Release Date:	05-Oct-12
Revision Level:	F	Responsible:	C. Vales

Specification is subject to change without notice

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