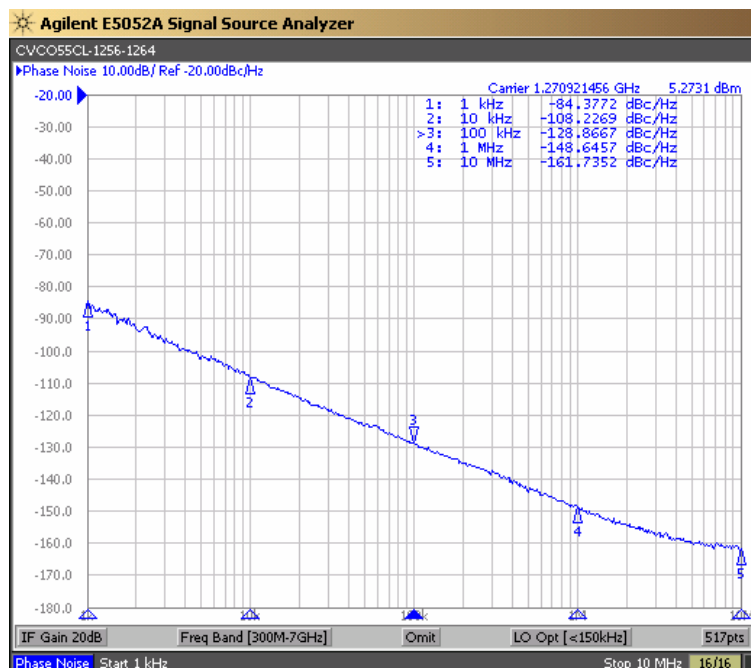


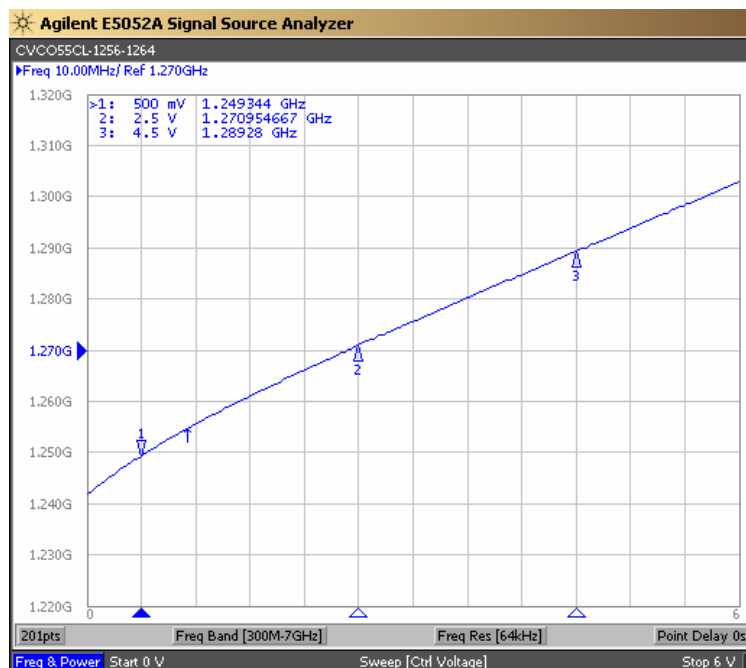


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1256	MHz
Upper Frequency:	1264			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+3.0	+5.0	+7.0	dBm
Supply Current:			20	mA
Harmonic Suppression (2 nd Harmonic):		-17	-12	dBc
Pushing:		0.2	0.8	MHz/V
Pulling, all Phases:		0.3	1.5	MHz pk-pk
Tuning Sensitivity:		15		MHz/V
Phase Noise @ 10kHz offset:		-112		dBc/Hz
Phase Noise @ 100kHz offset:		-127		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			68	pF
Operating Temperature Range:	-30		+70	°C
Storage Temperature Range:	-45		+90	°C

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)

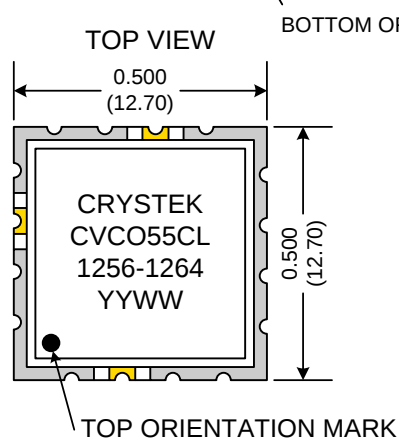




CRYSTEK
MICROWAVE
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Voltage Controlled Oscillator-VCO

CVCO55CL-1256-1264



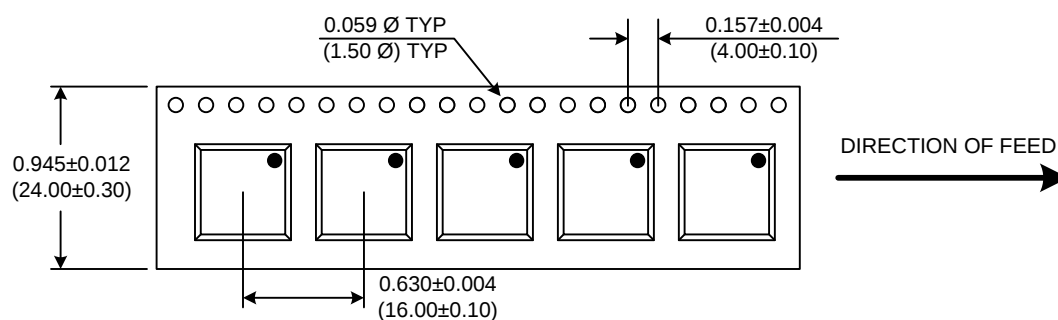
BOTTOM ORIENTATION MARK



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

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

TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CL-1256-1264	Release Date:	12-Dec-2013
Revision Level:	E	Responsible:	C. Vales

Specification is subject to change without notice

Page 2 of 2



CRYSTEK
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