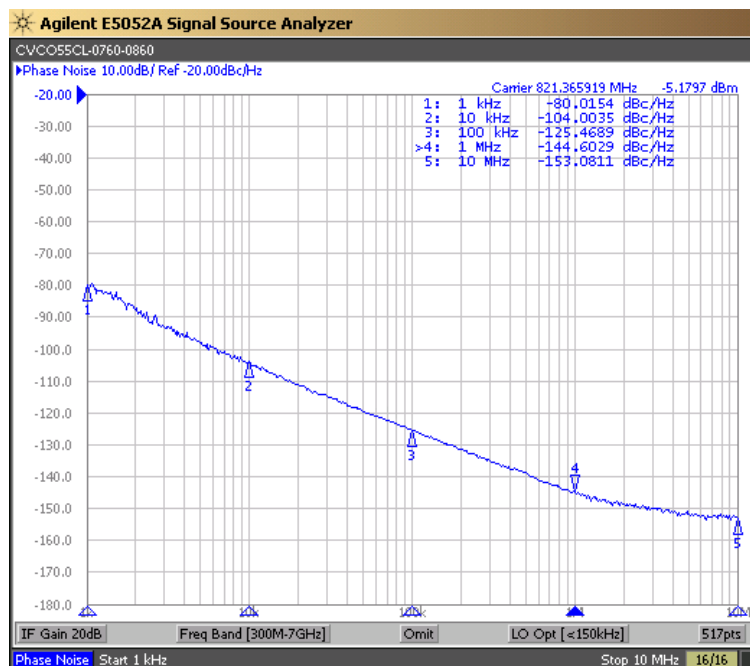
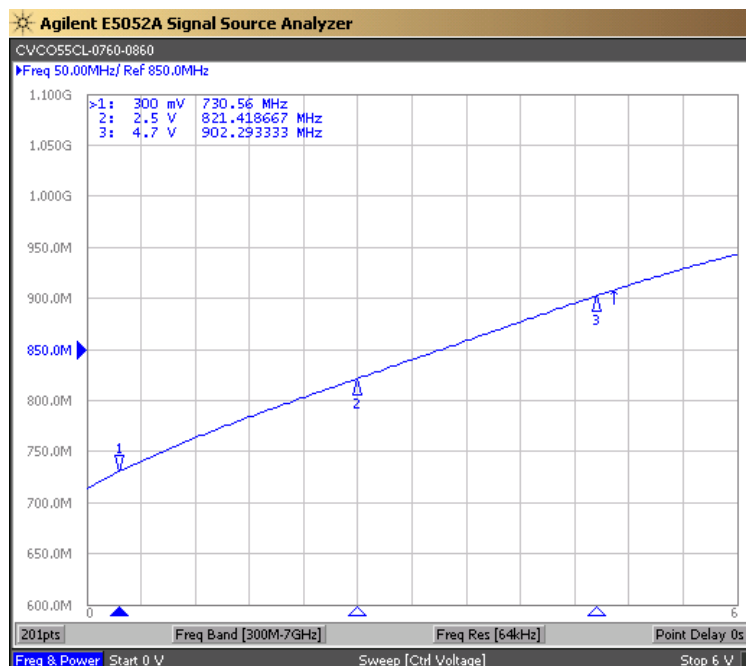


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			760	MHz
Upper Frequency:	860			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	1.9	2.0	2.1	VDC
Output Power:	-7.0	-3.5	0	dBm
Supply Current:			22	mA
Harmonic Suppression (2 nd Harmonic):		-15		dBc
Pushing:			3.0	MHz/V
Pulling, all Phases:			1.0	MHz pk-pk
Tuning Sensitivity:		40		MHz/V
Phase Noise @ 10kHz offset:		-105	-100	dBc/Hz
Phase Noise @ 100kHz offset:		-125	-120	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			47	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C

Phase Noise (1 Hz BW, Typical)



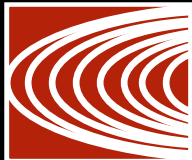
Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CVCO55CL-0760-0860	Release Date:	02-Nov-2016
Revision Level:	G	Responsible:	C. Vales

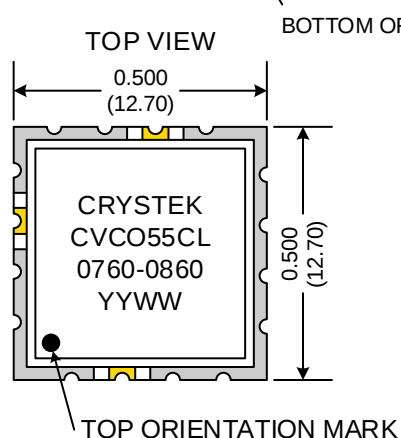
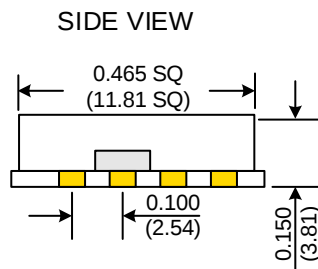
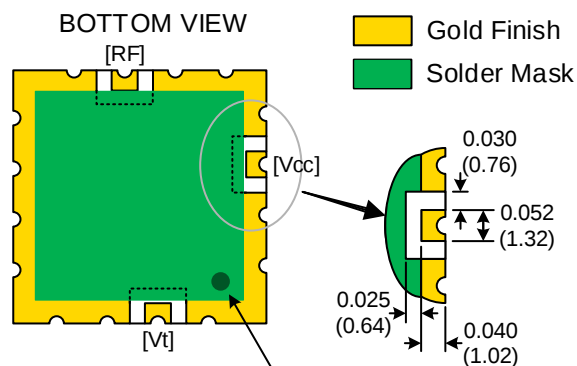




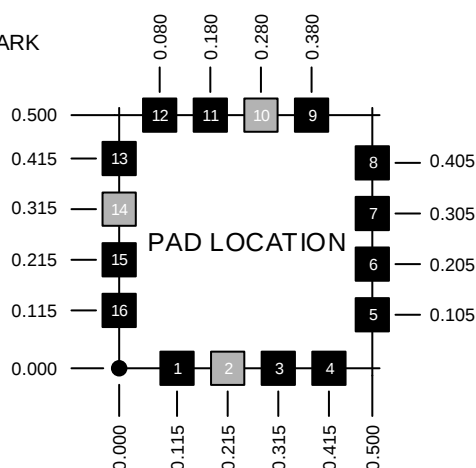
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO

CVCO55CL-0760-0860



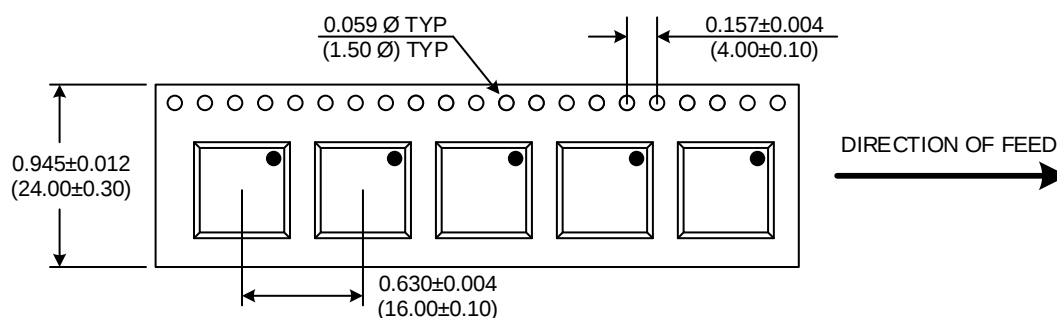
BOTTOM ORIENTATION MARK



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-0760-0860	Release Date:	02-Nov-2016
Revision Level:	G	Responsible:	C. Vales

Specification is subject to change without notice

Page 2 of 2



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