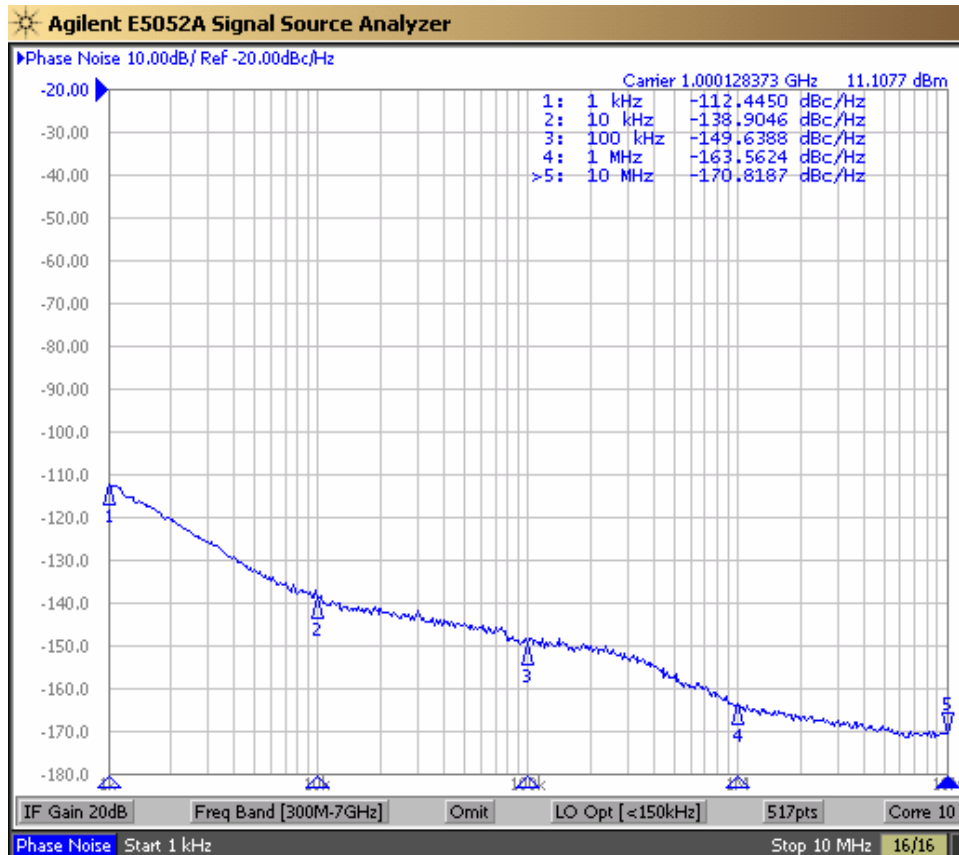
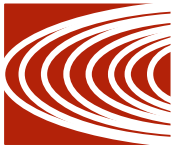


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1000	MHz
Upper Frequency:	1000			MHz
Tuning Voltage:	0		5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+8.0	+10.0	+12.0	dBm
Supply Current:		25	30	mA
Harmonic Suppression (2 nd Harmonic):		-10	-5	dBc
Pushing:		0.05	0.1	MHz/V
Pulling, all Phases:		0.05	0.1	MHz pk-pk
Tuning Sensitivity:		100		kHz/V
Phase Noise @ 10kHz offset:		-135	-132	dBc/Hz
Phase Noise @ 100kHz offset:		-149	-146	dBc/Hz
Phase Noise @ 1MHz offset:		-163	-160	dBc/Hz
Phase Noise @ 10MHz offset:		-170	-167	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			22	pF
Operating Temperature Range:	-20		+70	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

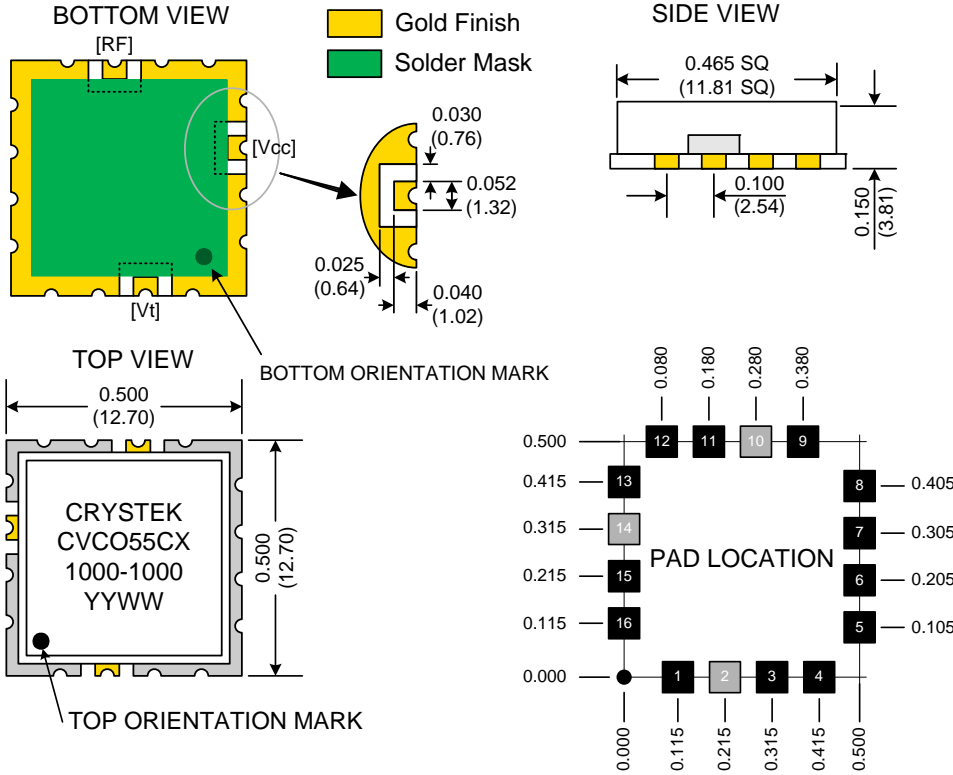




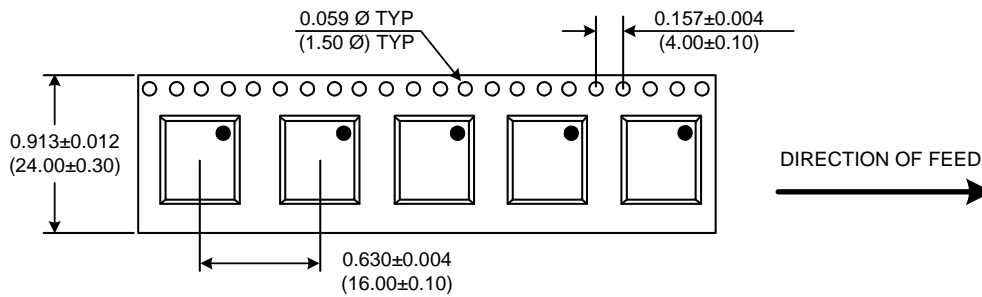
CRYSTEK
MICROWAVE
 A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO

CVCO55CX-1000-1000



TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CX-1000-1000	Release Date:	24-Oct-07
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice



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