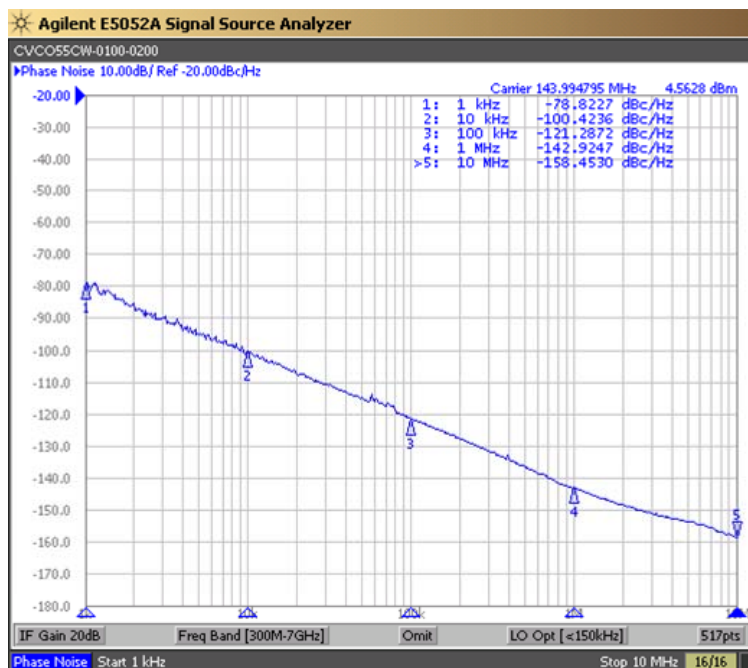
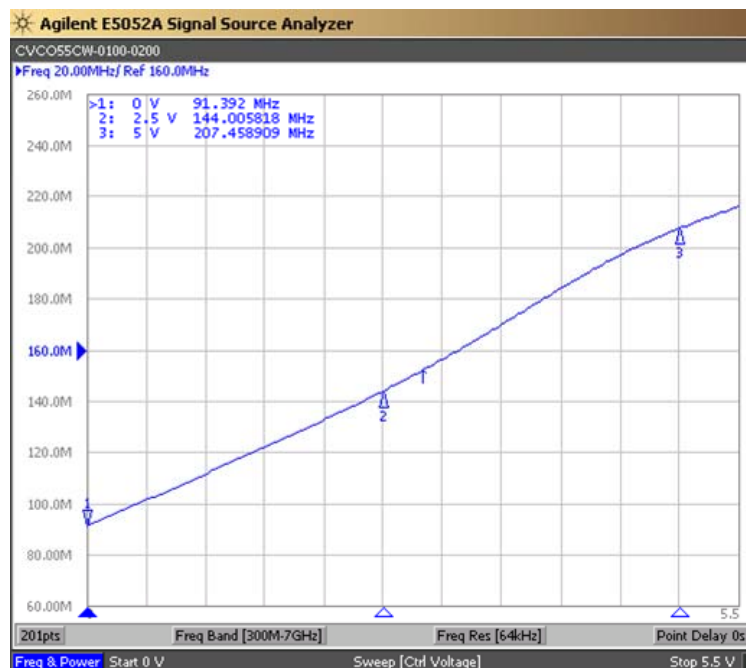


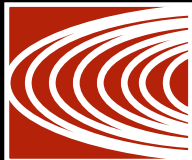
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			100	MHz
Upper Frequency:	200			MHz
Tuning Voltage:	0		5.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-2.0	+2.5	+7.0	dBm
Supply Current:			25	mA
Harmonic Suppression (2 nd Harmonic):		-10		dBc
Pushing:		2.0	4.0	MHz/V
Pulling, all Phases:		2.0	5.0	MHz pk-pk
Tuning Sensitivity:		25		MHz/V
Phase Noise @ 10kHz offset:		-100	-96	dBc/Hz
Phase Noise @ 100kHz offset:		-122	-118	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			150	pF
Operating Temperature Range:	-20		+85	°C
Storage Temperature Range:	-45		+90	°C

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)

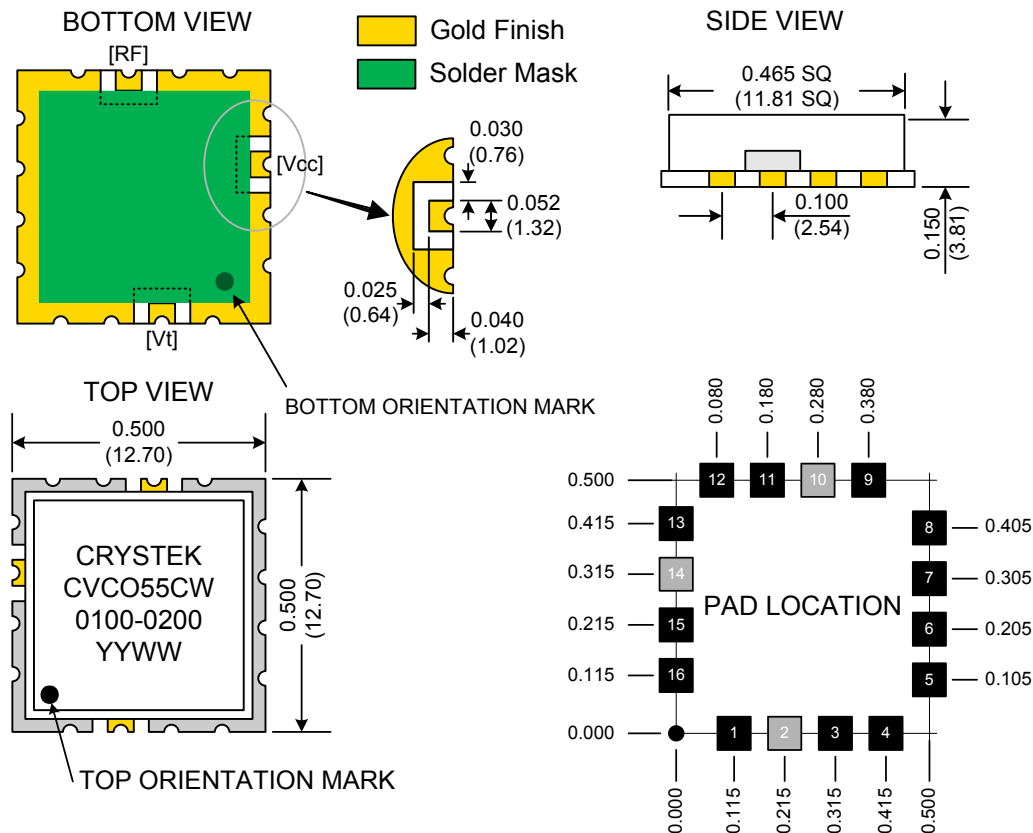




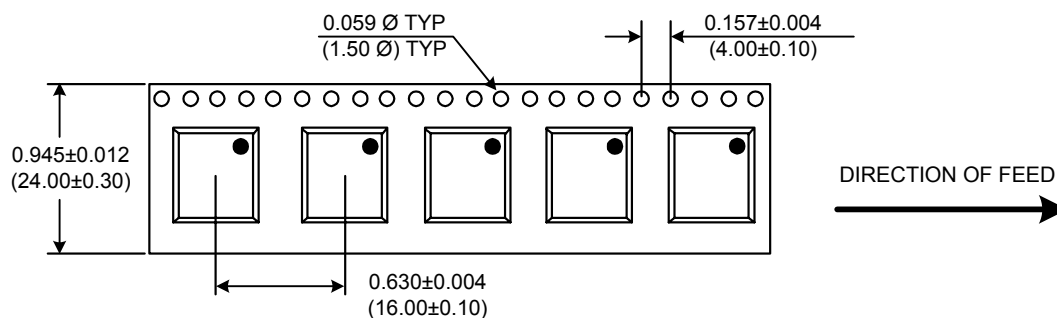
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO

CVCO55CW-0100-0200



TAPE AND REEL



Product Control:

Crystek Part Number:	CVCO55CW-0100-0200	Release Date:	08-May-08
Revision Level:	F	Responsible:	C. Vales

Specification is subject to change without notice

Page 2 of 2



CRYSTEK
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