

CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

查询CVCO55CL-0045-0070供应商

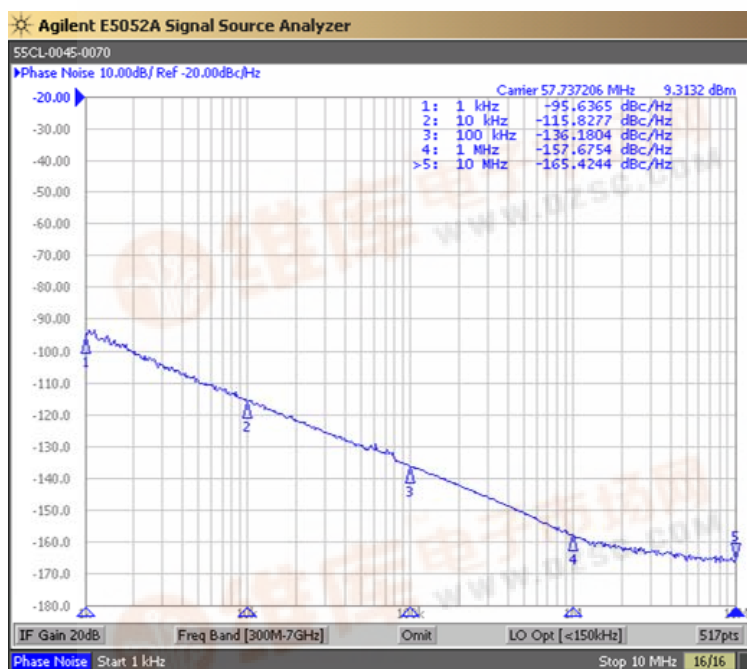
Voltage Controlled Oscillator-VCO

CVCO55CL-0045-0070

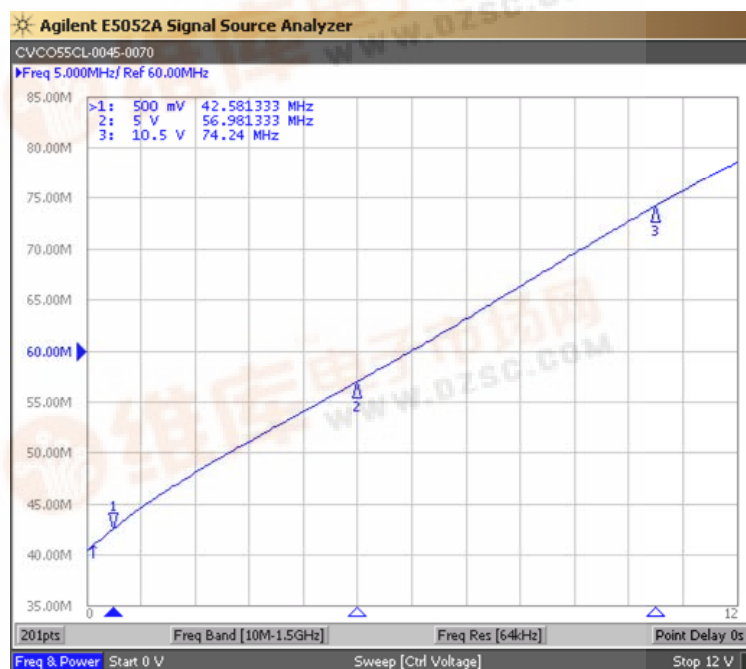


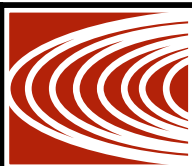
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			45	MHz
Upper Frequency:	70			MHz
Tuning Voltage:	0.5		10.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+2.0	+5.0	+8.0	dBm
Supply Current:		15	22	mA
Harmonic Suppression (2 nd Harmonic):		-10		dBc
Pushing:		0.5	1.0	MHz/V
Pulling, all Phases:		1.0	2.0	MHz pk-pk
Tuning Sensitivity:		4		MHz/V
Phase Noise @ 10kHz offset:		-115		dBc/Hz
Phase Noise @ 100kHz offset:		-134		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			150	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)

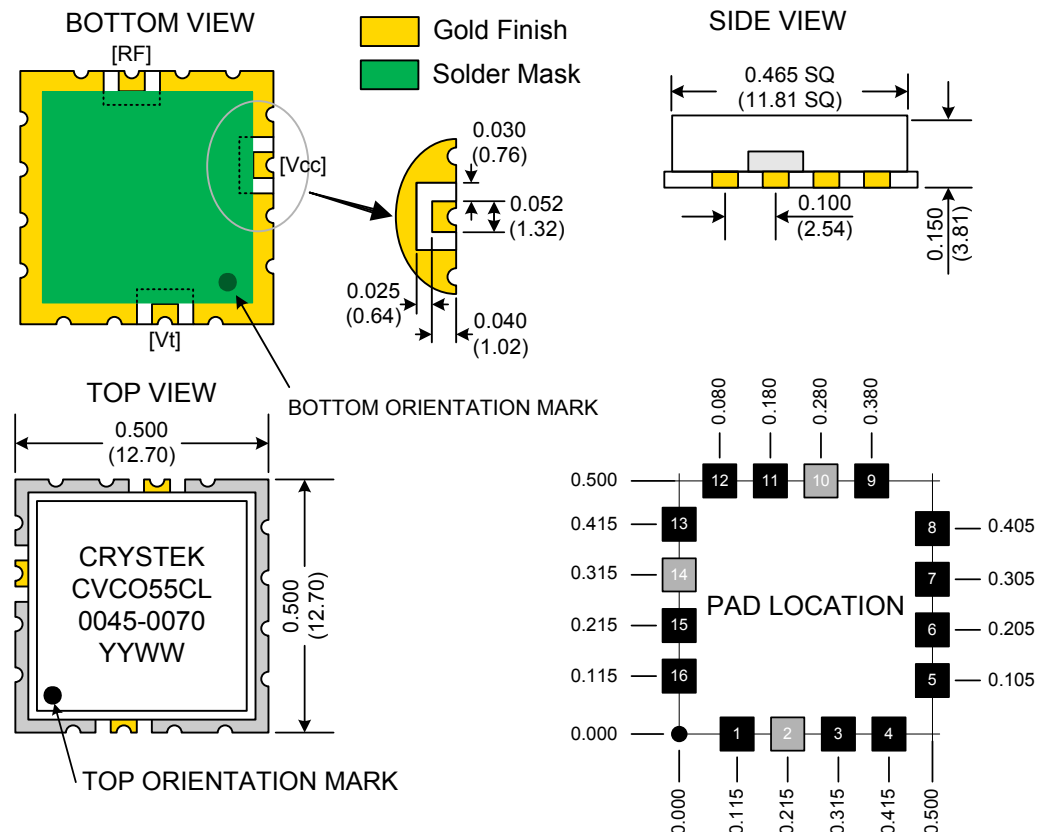




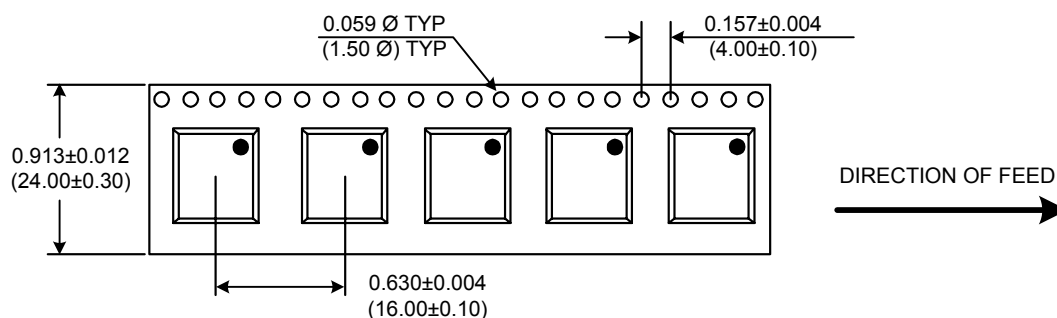
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CVCO55CL-0045-0070



TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CL-0045-0070	Release Date:	25-Feb-08
Revision Level:	D	Responsible:	C. Vales

Specification is subject to change without notice