

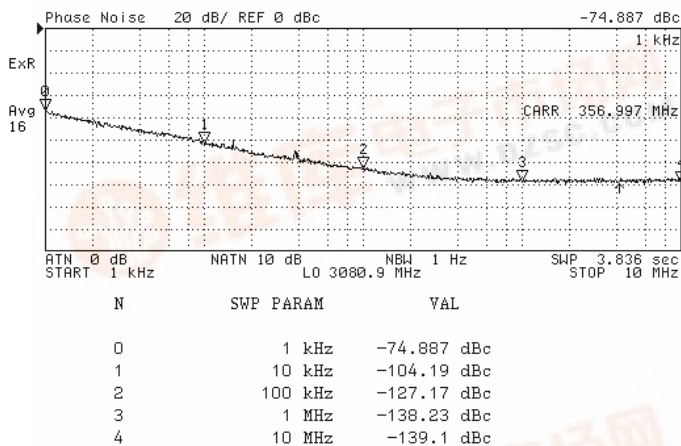


Coaxial Resonator Oscillator-CRO CVCO55CC-2970-3230

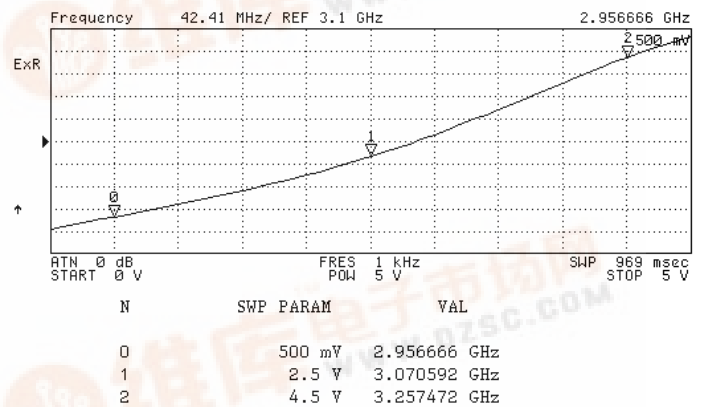


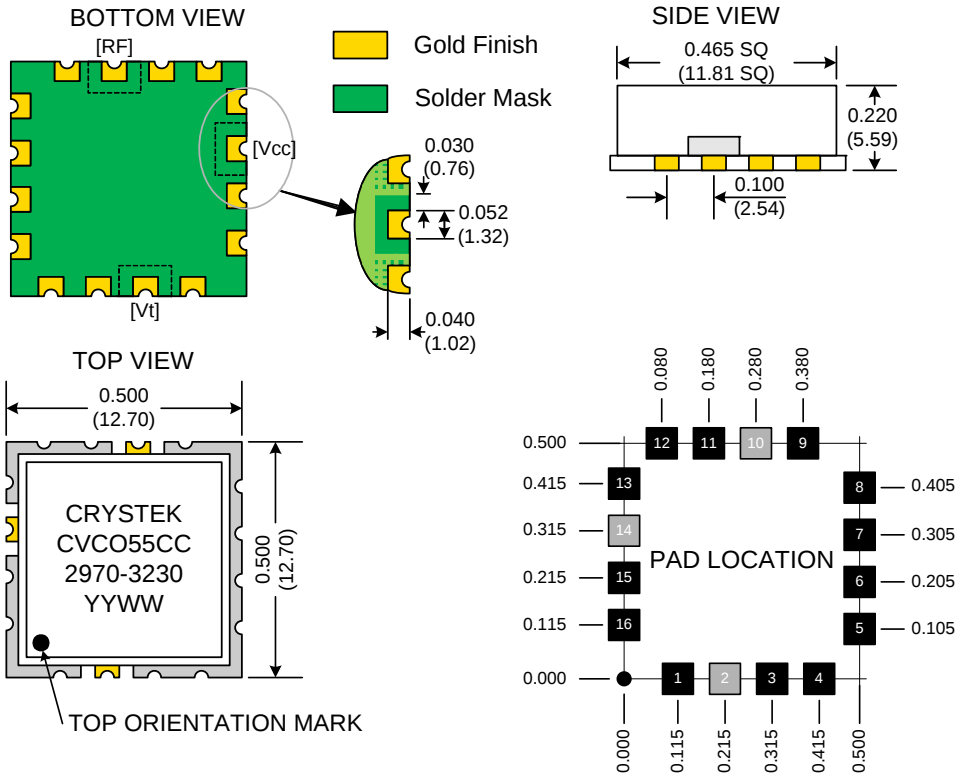
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2970	MHz
Upper Frequency:	3230			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+3.0	+5.0	+7.0	dBm
Supply Current:			35	mA
Harmonic Suppression (2 nd Harmonic):		-20	-10	dBc
Pushing:			1.5	MHz/V
Pulling, all Phases:			3.0	MHz pk-pk
Tuning Sensitivity:		80		MHz/V
Phase Noise @ 10kHz offset:		-104	-99	dBc/Hz
Phase Noise @ 100kHz offset:		-127	-122	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			20	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

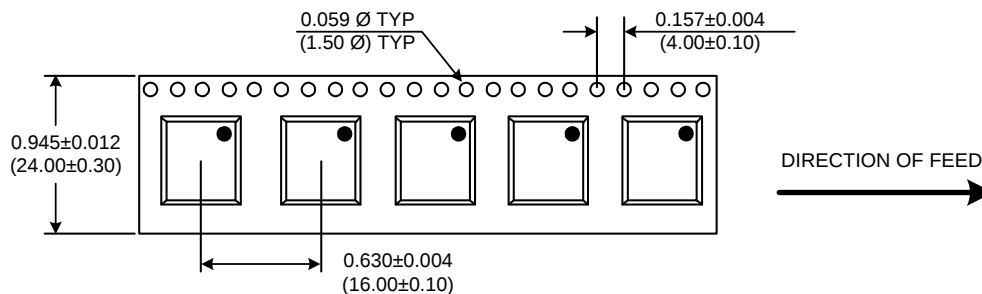


Tuning Curve (Typical)





TAPE AND REEL



Product Control:

Crystek Part Number:	CVCO55CC-2970-3230	Release Date:	19-Feb-08
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice