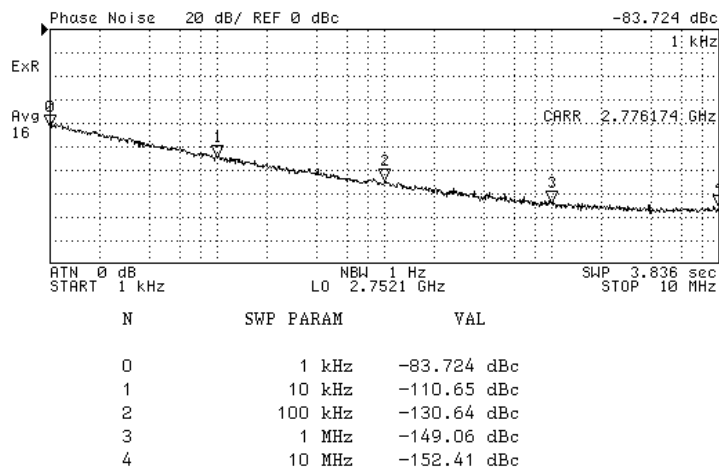


Coaxial Resonator Oscillator-CRO CVCO55CC-2580-2860

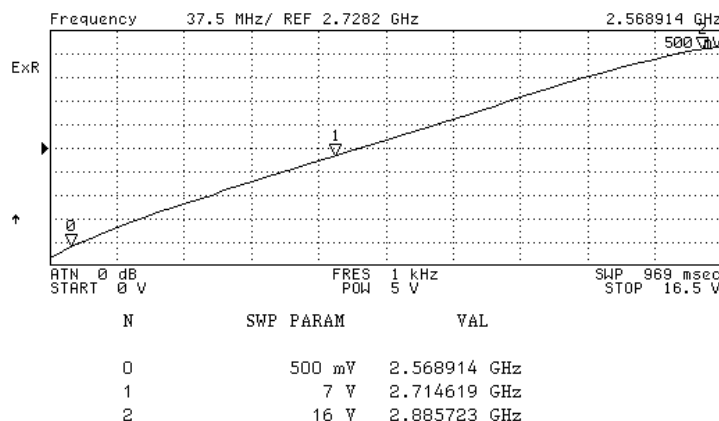


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2580	MHz
Upper Frequency:	2860			MHz
Tuning Voltage:	0.5		16.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+2.0	+4.5	+7.0	dBm
Supply Current:			40	mA
Harmonic Suppression (2 nd Harmonic):		-20		dBc
Pushing:		0.5	1.0	MHz/V
Pulling, all Phases:		1.0	2.0	MHz pk-pk
Tuning Sensitivity:		20		MHz/V
Phase Noise @ 10kHz offset:		-110	-107	dBc/Hz
Phase Noise @ 100kHz offset:		-130	-127	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			15	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

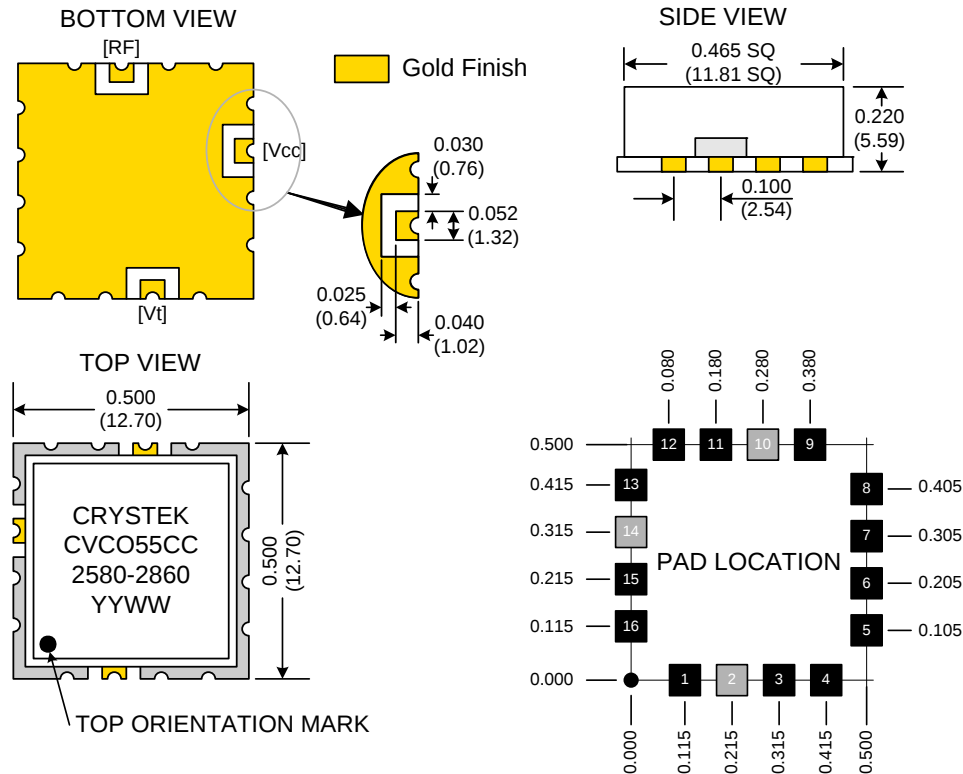


Tuning Curve (Typical)

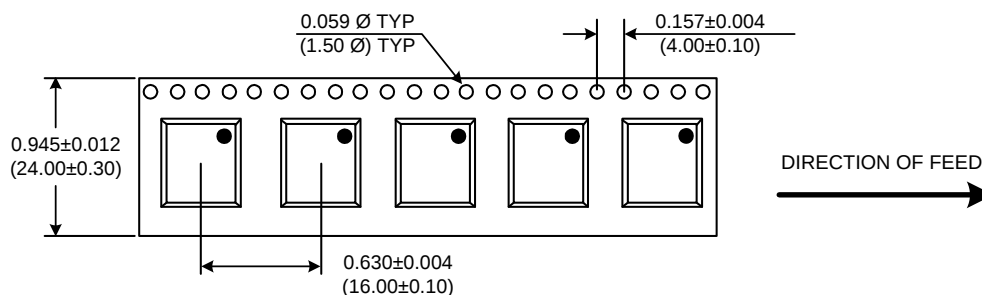


Coaxial Resonator Oscillator-CRO

CVCO55CC-2580-2860



TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CC-2580-2860	Release Date:	18-Feb-08
Revision Level:	D	Responsible:	C. Vales

Specification is subject to change without notice

Page 2 of 2