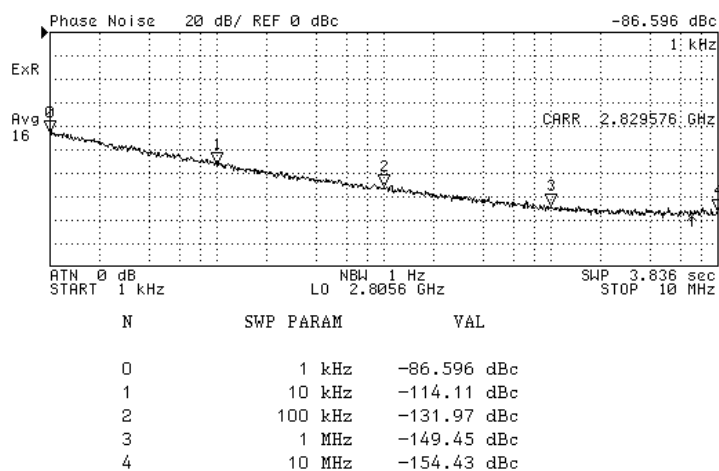


Coaxial Resonator Oscillator-CRO CVCO55CC-2818-2835

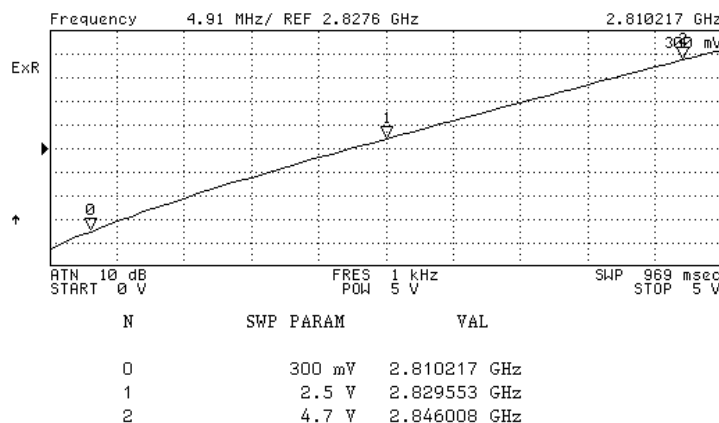


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2818	MHz
Upper Frequency:	2835			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+3.0	+5.0	+7.0	dBm
Supply Current:		20	40	mA
Harmonic Suppression (2 nd Harmonic):		-20	-15	dBc
Pushing:		1.0	2.0	MHz/V
Pulling, all Phases:		1.0	2.0	MHz pk-pk
Tuning Sensitivity:		10		MHz/V
Phase Noise @ 10kHz offset:		-113	-110	dBc/Hz
Phase Noise @ 100kHz offset:		-132	-129	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			15	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

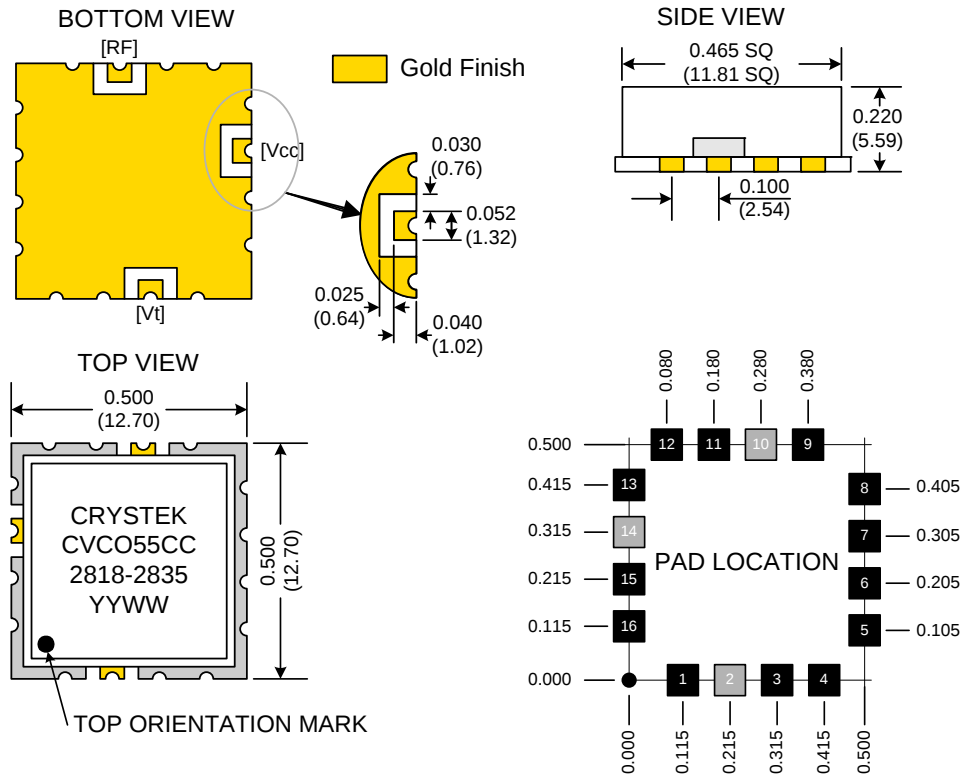
Phase Noise (1 Hz BW, Typical)



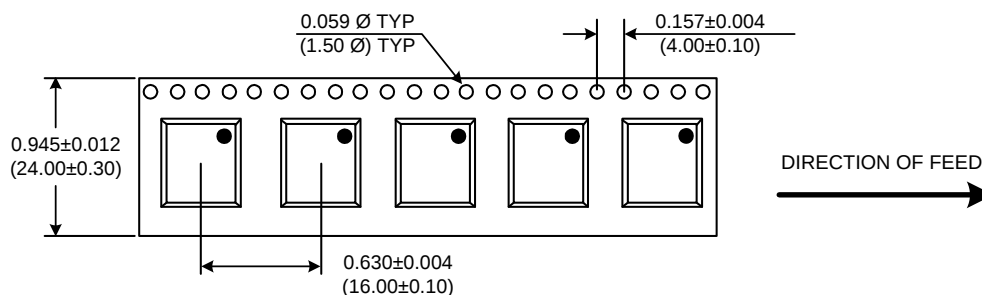
Tuning Curve (Typical)



Coaxial Resonator Oscillator-CRO CVCO55CC-2818-2835



TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CC-2818-2835	Release Date:	18-Feb-08
Revision Level:	C	Responsible:	C. Vales

Specification is subject to change without notice

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