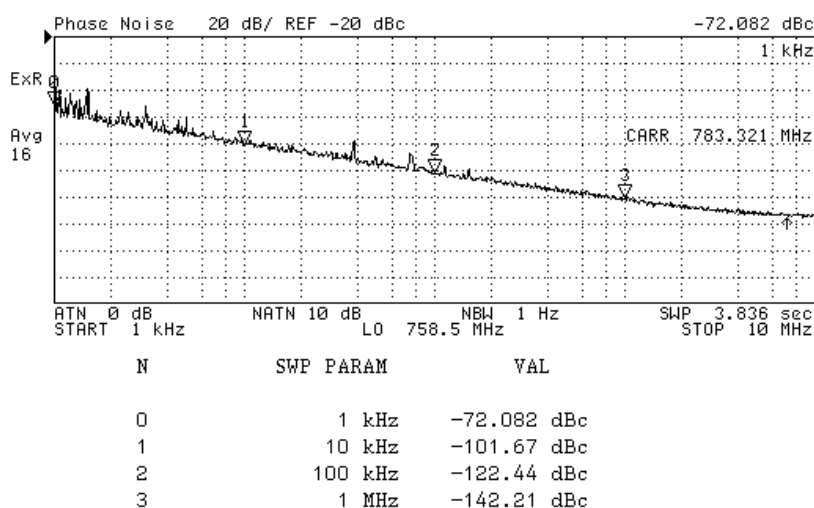
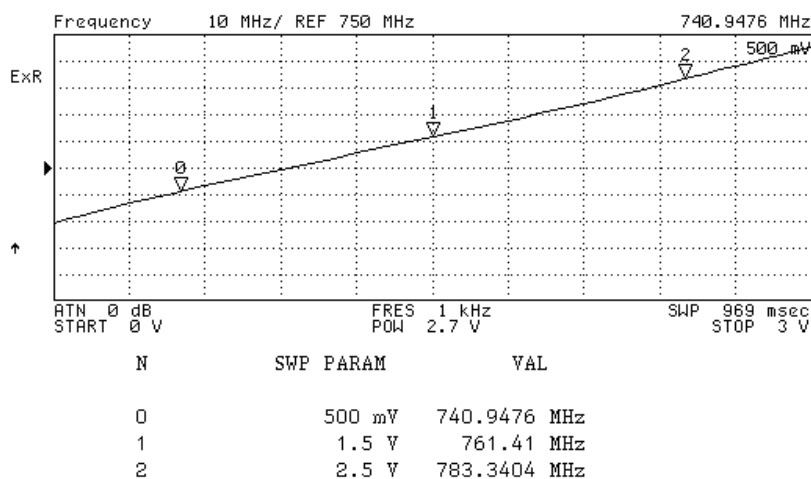


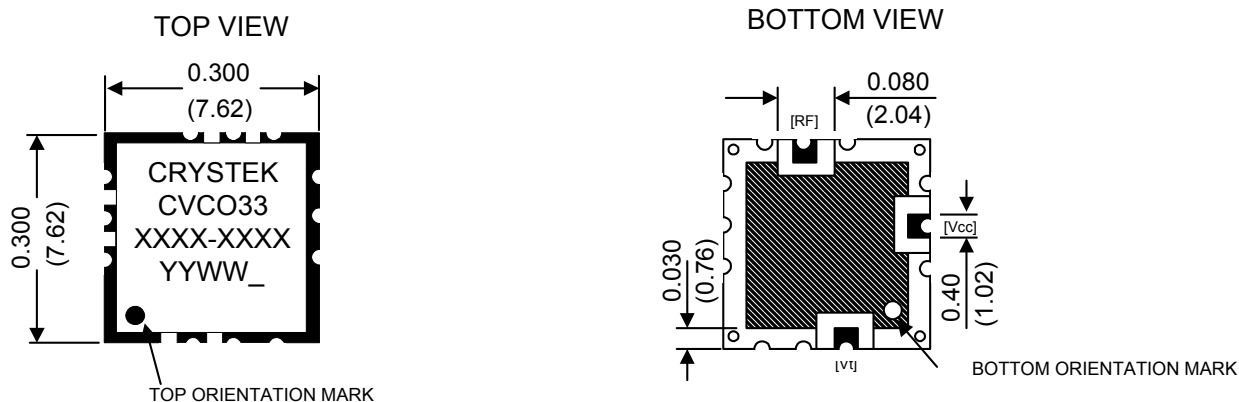
AVAILABLE PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			750	MHz
Upper Frequency:	770			MHz
Tuning Voltage:	0.5		2.5	VDC
Supply Voltage:	2.565	2.7	2.835	VDC
Output Power:	+1.5	+4.5	+7.3	dBm
Supply Current:			11	mA
Harmonic Suppression (2nd Harmonic):		-20	-15	dBc
Pushing:		1		MHz/V
Pulling, all Phases:		3		MHz
Tuning Sensitivity:		30		MHz/V
Phase Noise @ 10kHz offset:		-103		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			35	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

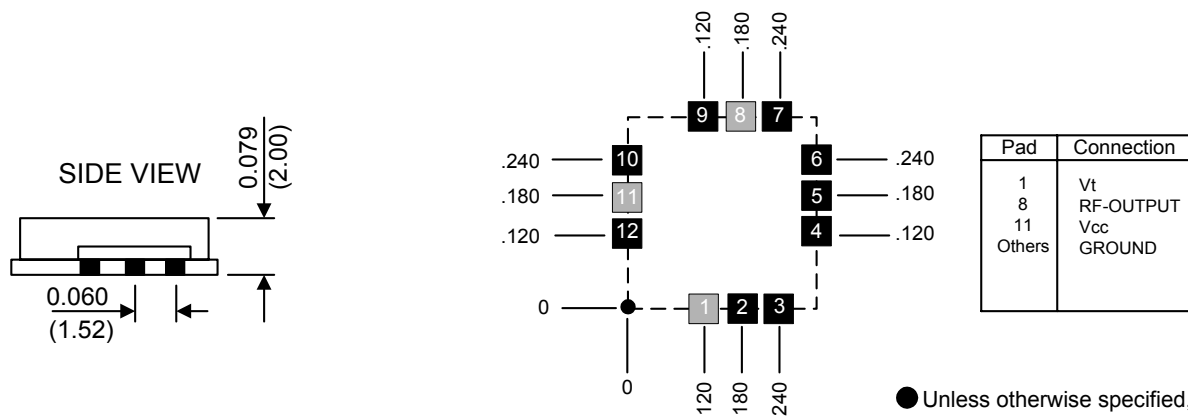


Tuning Curve, Typical



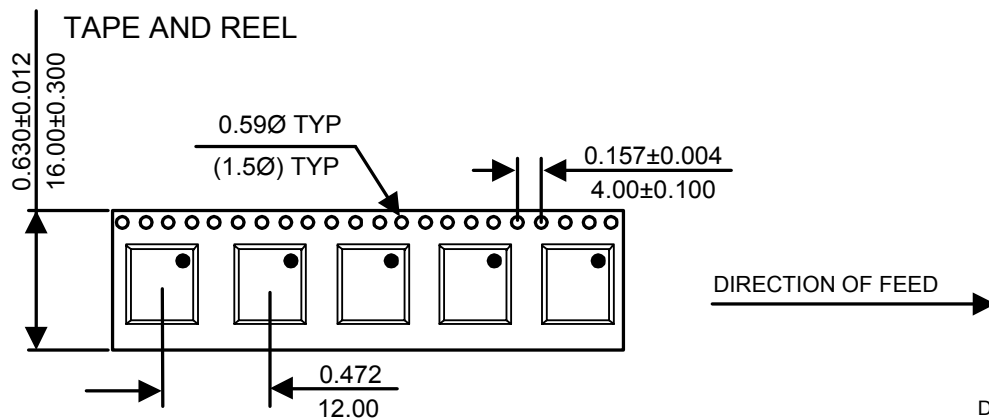


RECOMMENDED SOLDER PATTERN



Pad	Connection
1	Vt
8	RF-OUTPUT
11	Vcc
Others	GROUND

- Unless otherwise specified, Dimensions are in: IN (mm)
- Recommended Solder Pattern dimension are in: Inches



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO33CL-0750-0770	Release Date:	28-Dec-03
Revision Level:	A	Responsible:	C. Vales