



PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2700	MHz
Upper Frequency:	3400			MHz
Tuning Voltage:	1.0		10.0	VDC
Supply Voltage:	10.67	11.0	11.33	VDC
Output Power:	+8	+10	+12	dBm
Supply Current:			60	mA
Harmonic Suppression (2 nd Harmonic):			-12	dBc
Pushing:		10.0		MHz/V
Pulling, all Phases:		25.0		MHz pk-pk
Tuning Sensitivity:		120		MHz/V
Phase Noise @ 10kHz offset:		-85		dBc/Hz
Phase Noise @ 100kHz offset:		-105		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			200	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C

Special Features:

No Internal Wire Bonds
Resistance Welded for Hermetic Seal
Low Phase Noise
Gold Plated Pins



Product Control:

Crystek Part Number:	CVCOT8BE-2700-3400	Release Date:	27-Aug-2014
Revision Level:	D	Responsible:	C. Vales

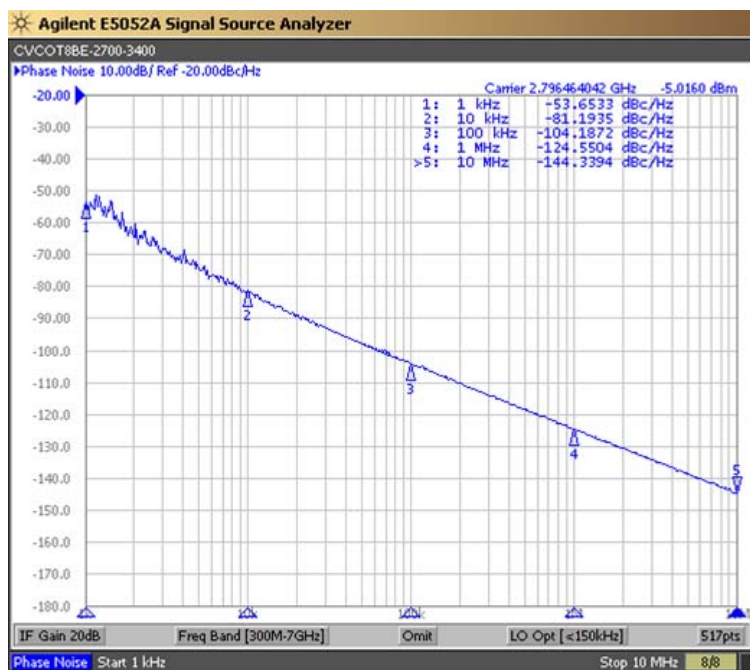




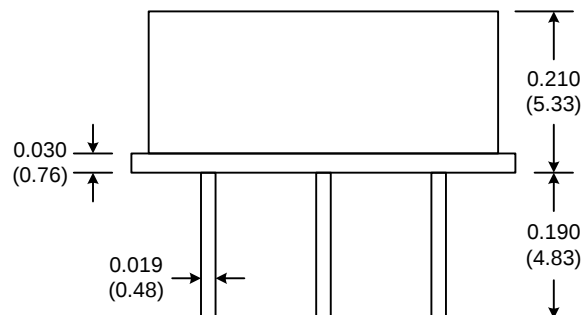
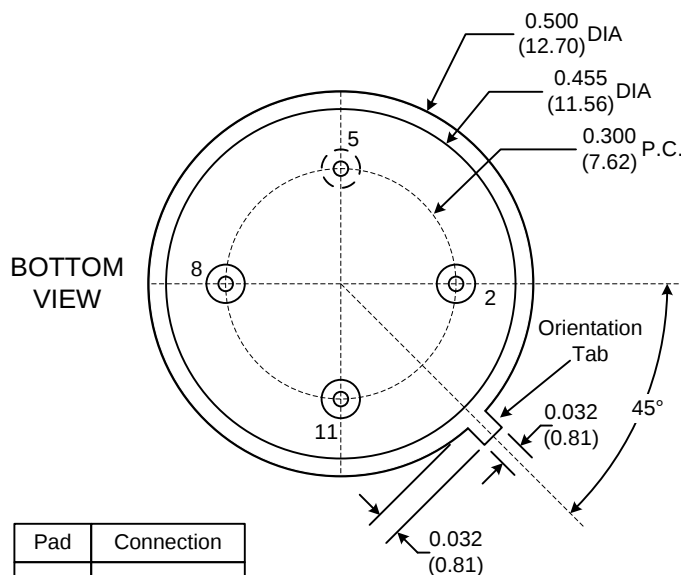
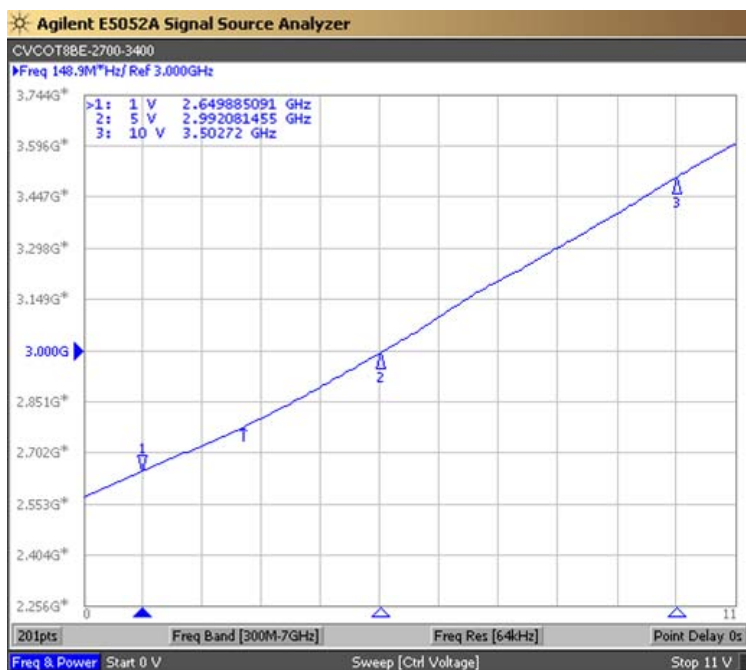
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Hermetic TO-8 VCO CVCOT8BE-2700-3400

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



● Unless otherwise specified,
Dimensions are in: IN
(mm)

● Orientation determined by tab, not by marking

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Specification is subject to change without notice

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