

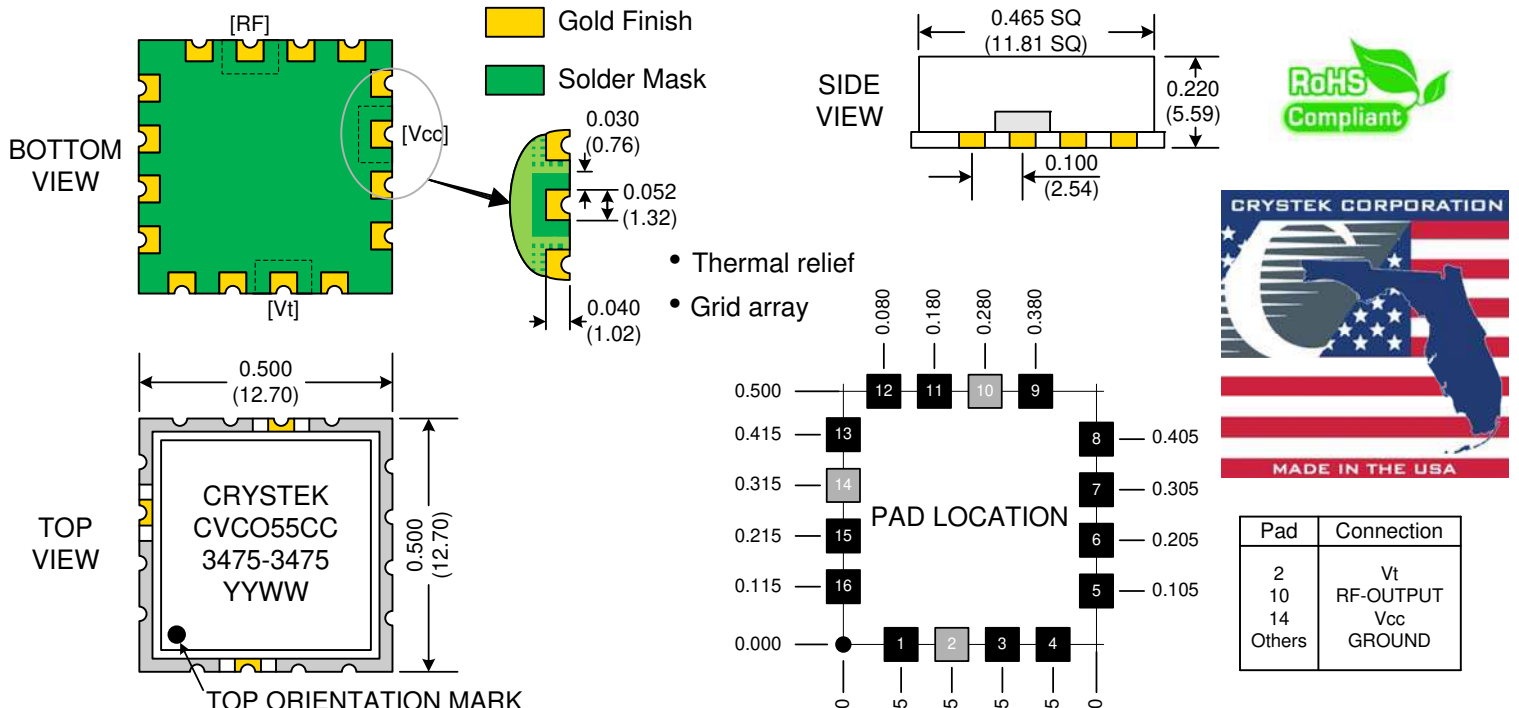


CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Coaxial Resonator Oscillator-CRO

CVCO55CC-3475-3475

PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			3475	MHz
Upper Frequency:	3475			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	+3.0	+5.0	+7.0	dBm
Supply Current:		35		mA
Harmonic Suppression (2 nd Harmonic)		-15	-10	dBc
Pushing:		0.2		MHz/V
Pulling, all Phases:		0.2		MHz pk-pk
3 dB Modulation Bandwidth:		1000		kHz
Tuning Sensitivity:		7		MHz/V
Phase Noise @ 1kHz offset:		-85		dBc/Hz
Phase Noise @ 10kHz offset:		-110		dBc/Hz
Phase Noise @ 100kHz offset:		-135		dBc/Hz
Phase Noise @ 1MHz offset:		-150		dBc/Hz
Phase Noise @ 10MHz offset:		-160		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:		10		pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$



Product Control:

Crystek Part Number:	CVCO55CC-3475-3475	Release Date:	04-Dec-2013
Revision Level:	D	Responsible:	C. Vales

- Unless otherwise specified, Dimensions are in: IN (mm)
- Pad Location Dimensions are in: Inches



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