

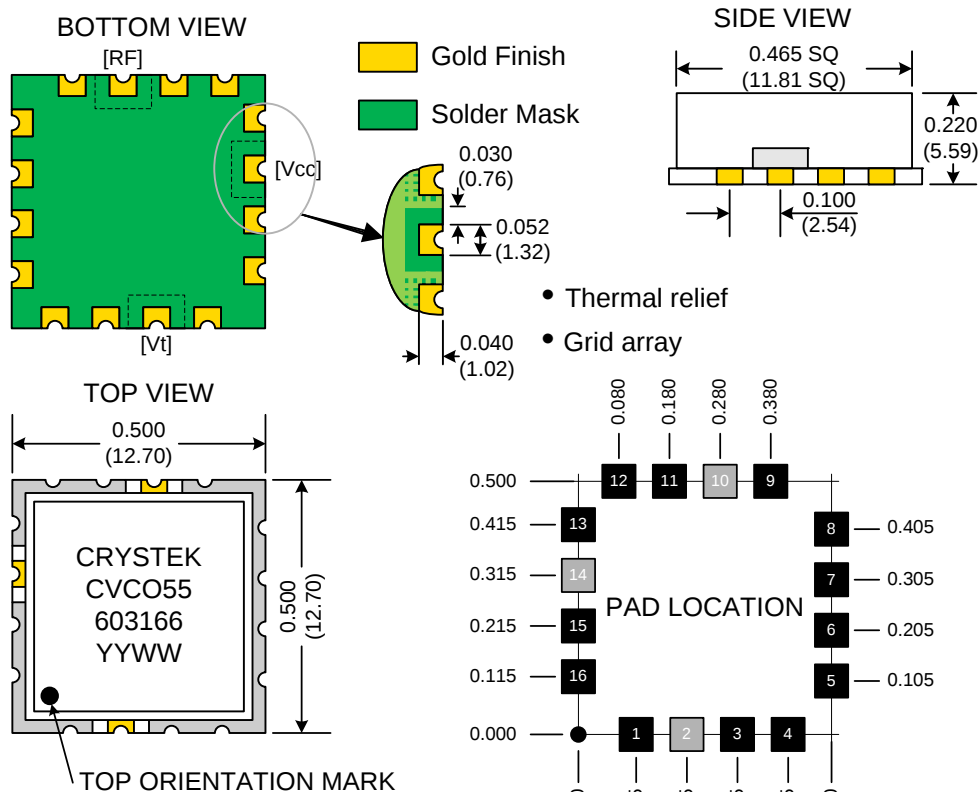


CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Coaxial Resonator Oscillator-CRO

CVCO55-603166

PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2880	MHz
Upper Frequency:	3040			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+4.0	+6.0	+8.0	dBm
Supply Current:		35	40	mA
Harmonic Suppression (2 nd Harmonic)			-15	dBc
Pushing:		1.0	2.0	MHz/V
Pulling, all Phases:		1.5	3.0	MHz pk-pk
Tuning Sensitivity:		50		MHz/V
Phase Noise @ 10kHz offset:		-110	-107	dBc/Hz
Phase Noise @ 100kHz offset:		-130	-127	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			22	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C



Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

- Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{(\text{mm})}$
- Pad Location Dimensions are in: Inches



Product Control:

Crystek Part Number:	CVCO55-603166	Release Date:	26-Feb-2015
Revision Level:	A	Responsible:	C. Vales



CRYSTEK
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