



查询CRO2900A供应商

Z-Communications, Inc.

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捷多邦，专业PCB打样工厂，24小时加急出货

CRO2900A

VOLTAGE CONTROLLED OSCILLATOR
Rev B2



FEATURES

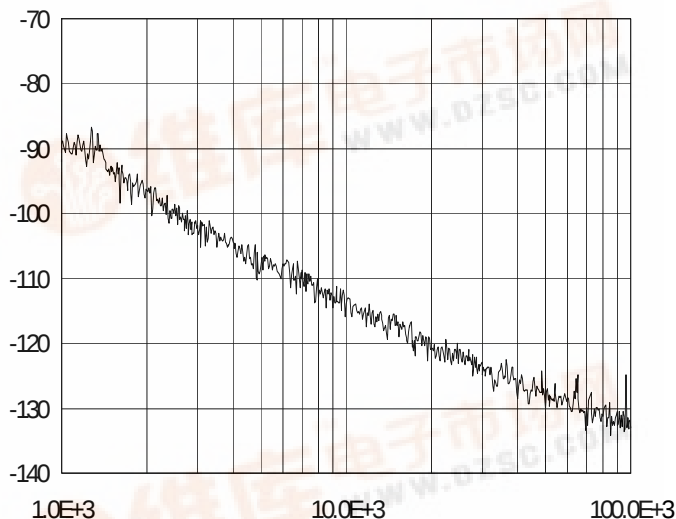
- Frequency Range: 2900 - 2900 MHz
- Tuning Voltage: 0.5-4.5 Vdc
- MINI-16 - Style Package

APPLICATIONS

- Digital Radio Equipment
- Fixed Wireless Access
- Satellite Communication Systems

$L(f)$ (dBc/Hz)

PHASE NOISE (1 Hz BW, typical)



OFFSET (Hz)

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	2900 - 2900	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-114	dBc/Hz
Harmonic Suppression (2nd, typ.)	-17	dBc
Tuning Voltage	0.5-4.5	Vdc
Tuning Sensitivity (avg.)	6	MHz/V
Power Output	3.5±1.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<1	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<1	MHz
Operating Temperature Range	-30 to 80	$^{\circ}\text{C}$
Package Style	MINI-16	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	18	mA

All specifications are typical unless otherwise noted and subject to change without notice.

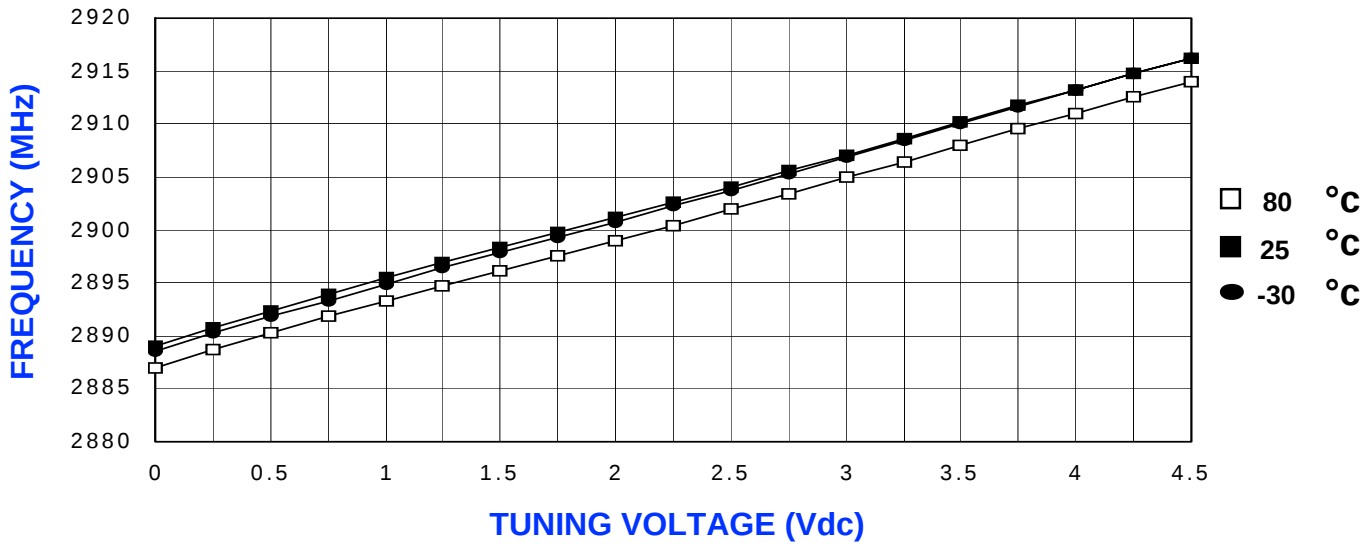
APPLICATION NOTES

- AN-100/1 : Mounting and Grounding of VCOs
- AN-102 : Proper Output Loading of VCOs
- AN-107 : How to Solder Z-COMM VCOs

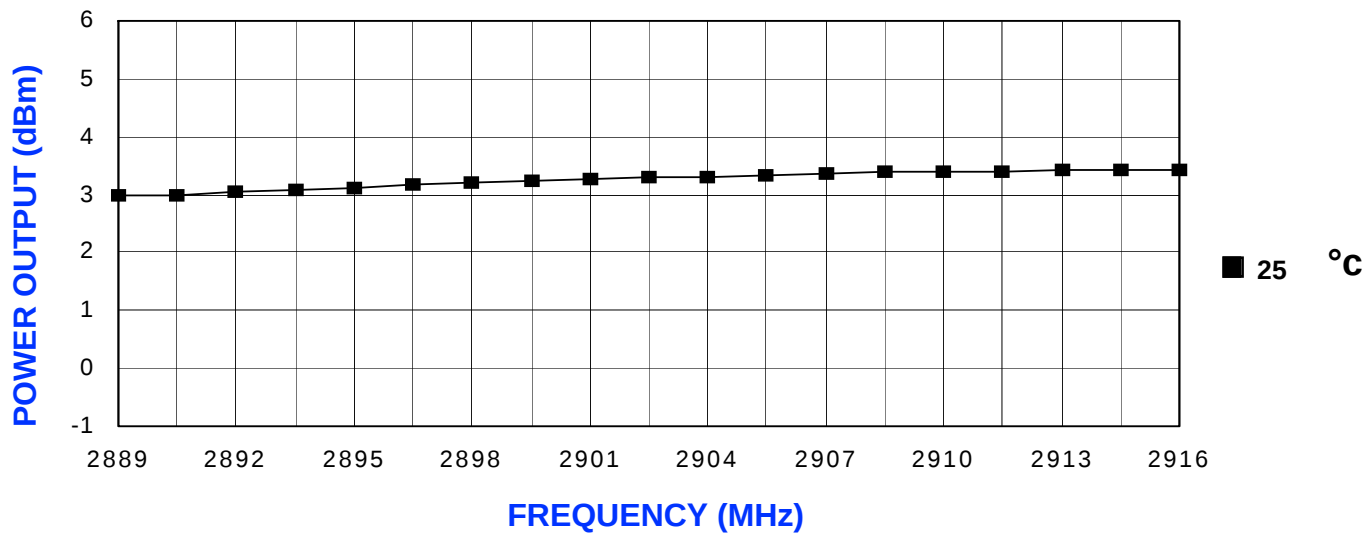
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

MINI-16
415-0061 REV. B
(DRAWING NOT TO SCALE)

