



查询V613ME21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

V613ME21

VOLTAGE CONTROLLED OSCILLATOR

Rev A1



FEATURES

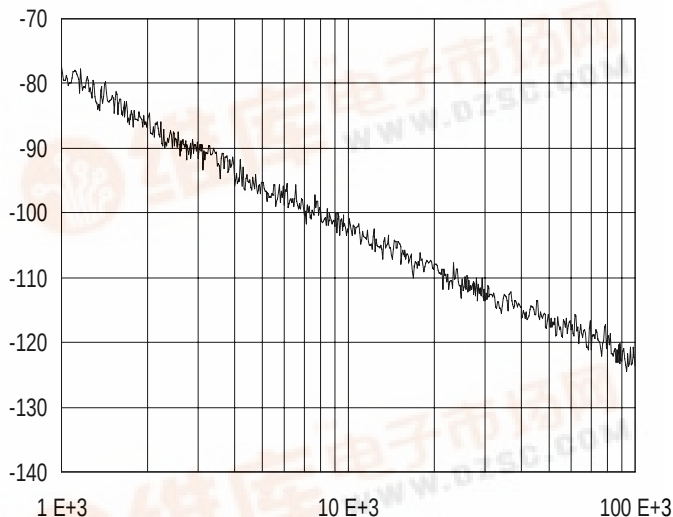
- Frequency Range: 2016 - 2175 MHz
- Tuning Voltage: 0.2-12 Vdc
- MINI-14S - Style Package

APPLICATIONS

- WLAN
- Digital Radios
- Earthstations

$L(f)$ (dBc/Hz)

PHASE NOISE (1 Hz BW, typical)



OFFSET (Hz)

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	2016 - 2175	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-103	dBc/Hz
Harmonic Suppression (2nd, typ.)	-30	dBc
Tuning Voltage	0.2-12	Vdc
Tuning Sensitivity (avg.)	24	MHz/V
Power Output	1±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<2	MHz/V
Pulling (14dB Return Loss, Any Phase)	<4	MHz
Operating Temperature Range	-40 to 85	$^{\circ}\text{C}$
Package Style	MINI-14S	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	8	Vdc
Supply Current (Icc, typ.)	19	mA

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

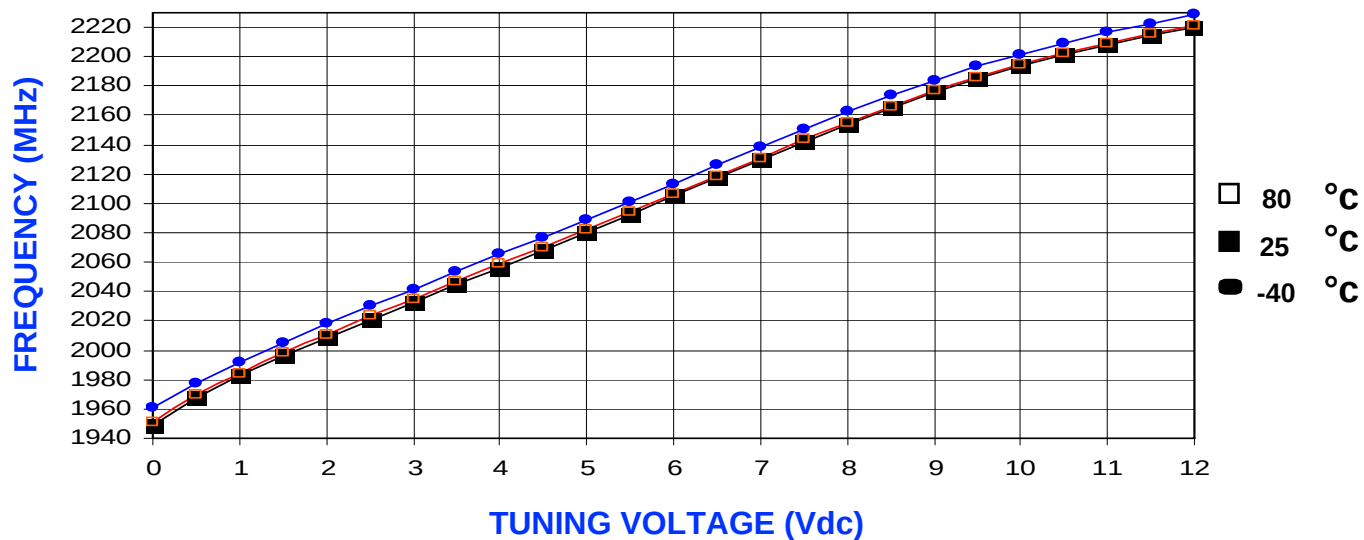
APPLICATION NOTES

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

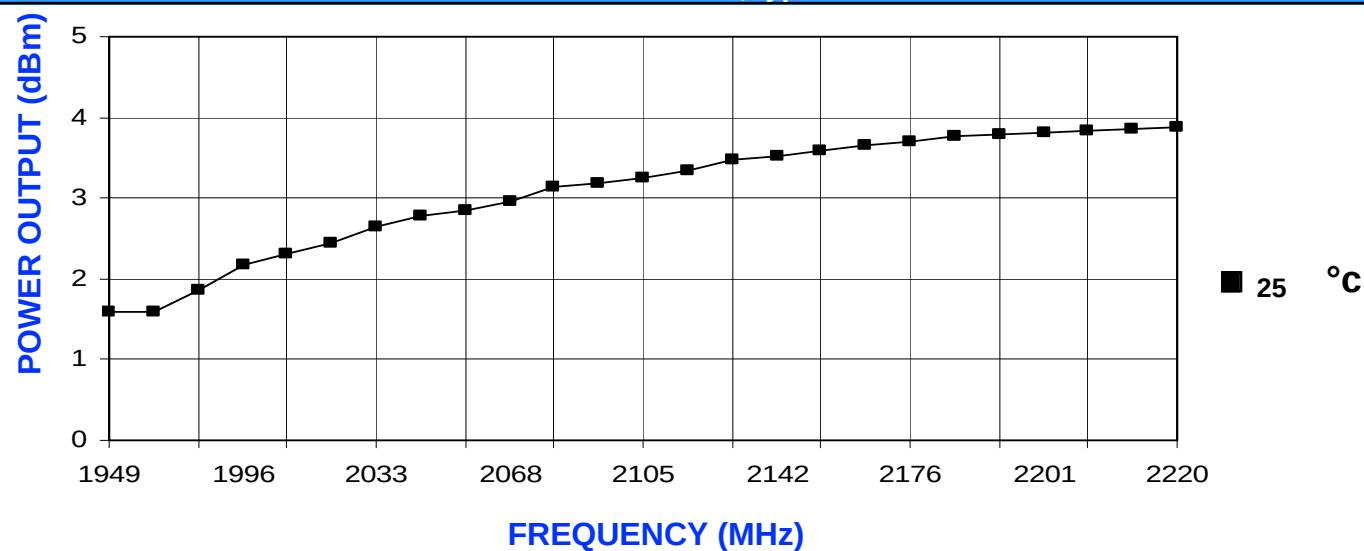
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

