



查询V638ME01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

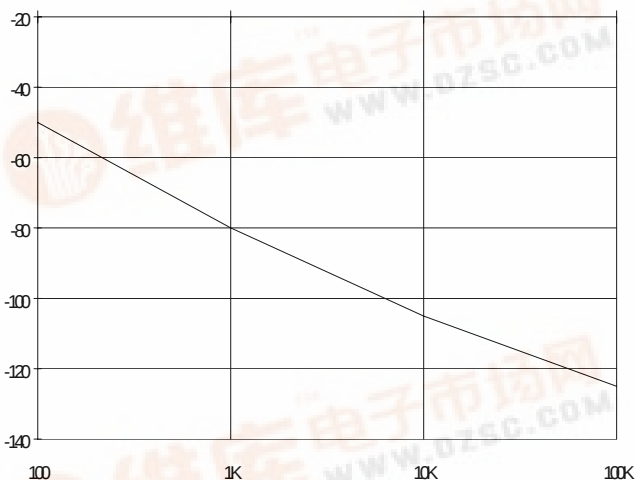
V638ME01

VOLTAGE CONTROLLED OSCILLATOR
Rev A2



PHASE NOISE (1 Hz BW, typical)

$L(f)$ (dBc/Hz)



OFFSET (Hz)

FEATURES

- Frequency Range: 510 - 770 MHz
- Tuning Voltage: 1 - 8 Vdc
- MINI-14S - Style Package

APPLICATIONS

- Mobile Radios
- Satellite Modems
- Test Equipment

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	510 - 770	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-104	dBc/Hz
Harmonic Suppression (2nd, typ.)	-5	dBc
Tuning Voltage	1 - 8	Vdc
Tuning Sensitivity (avg.)	58	MHz/V
Power Output	6.5±4.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	100	pF
Pushing	<2	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<4	MHz
Operating Temperature Range	-30 to 85	$^{\circ}\text{C}$
Package Style	MINI-14S	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	9	Vdc
Supply Current (Icc, typ.)	17	mA

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

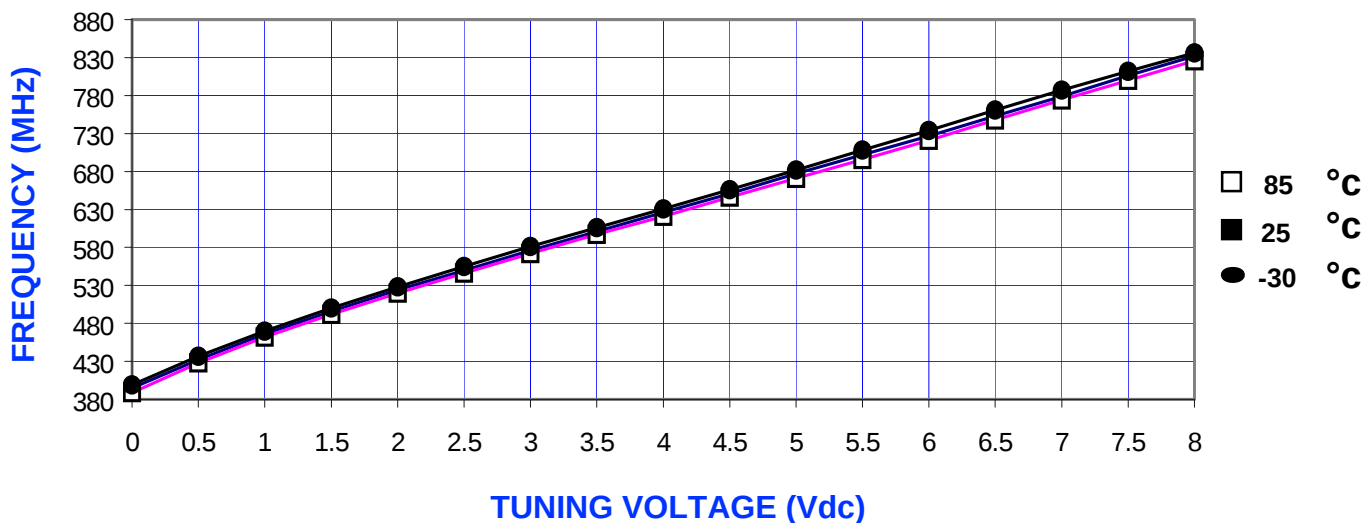
APPLICATION NOTES

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

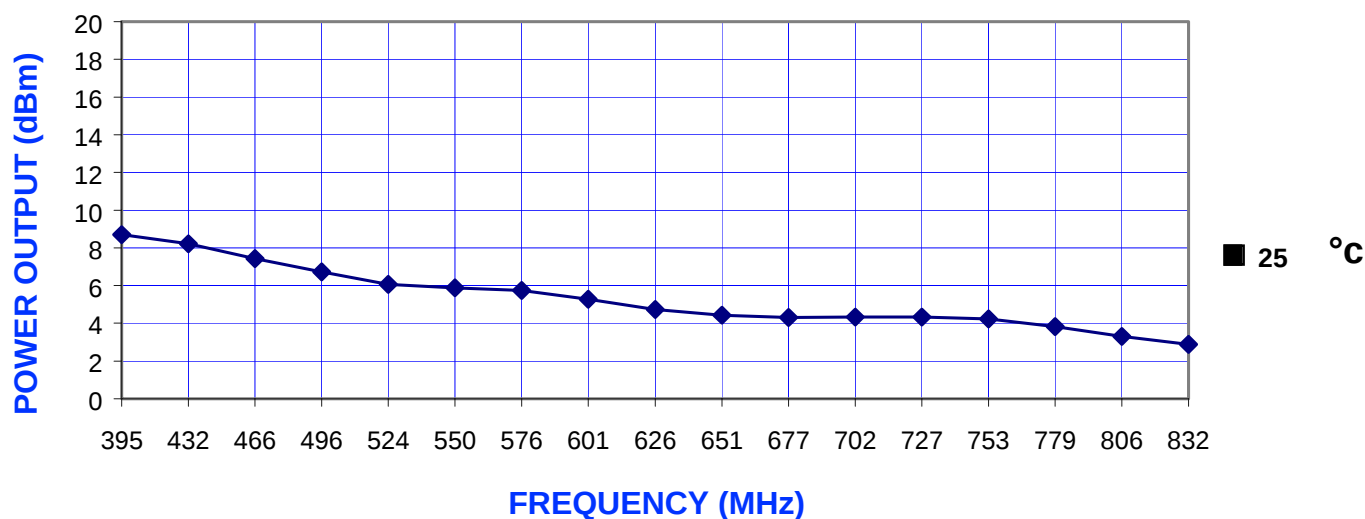
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

