



查询V440ME04供应商

**Z-Communications, Inc.**

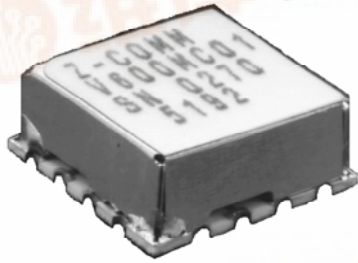
9939 Via Pasar • San Diego, CA 92126  
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捷多邦, 专业PCB打样工厂, 24小时加急出货

**V440ME04**

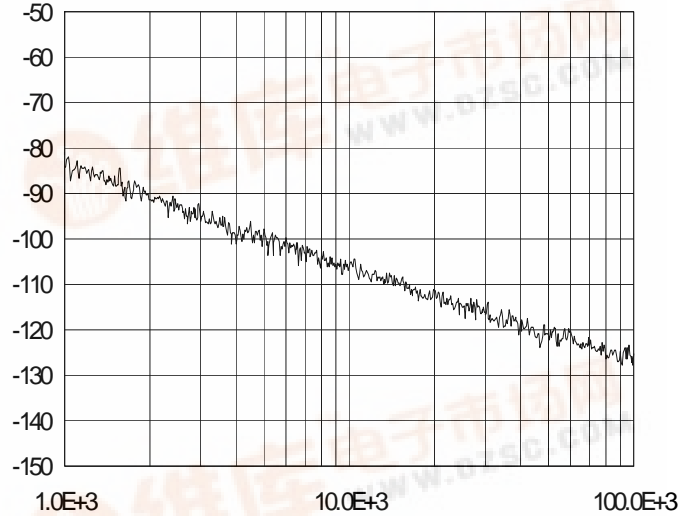
**VOLTAGE CONTROLLED OSCILLATOR**

Rev A1



### PHASE NOISE (1 Hz BW, typical)

$\mathcal{L}(f)$  (dBc/Hz)



OFFSET (Hz)

#### FEATURES

- Frequency Range: 410 - 460 MHz
- Tuning Voltage: 1 - 4 Vdc
- MINI-16-L - Style Package

#### APPLICATIONS

- UHF Radios
- Test Instrumentation
- Mobile Radios

#### PERFORMANCE SPECIFICATIONS

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	410 - 460	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-105	dBc/Hz
Harmonic Suppression (2nd, typ.)	-10	dBc
Tuning Voltage	1 - 4	Vdc
Tuning Sensitivity (avg.)	25	MHz/V
Power Output	7±3	dBm
Load Impedance	50	$\Omega$
Input Capacitance (max.)	250	pF
Pushing	<1	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<1	MHz
Operating Temperature Range	-40 to 85	$^{\circ}\text{C}$
Package Style	MINI-16-L	

#### POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	14	mA

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

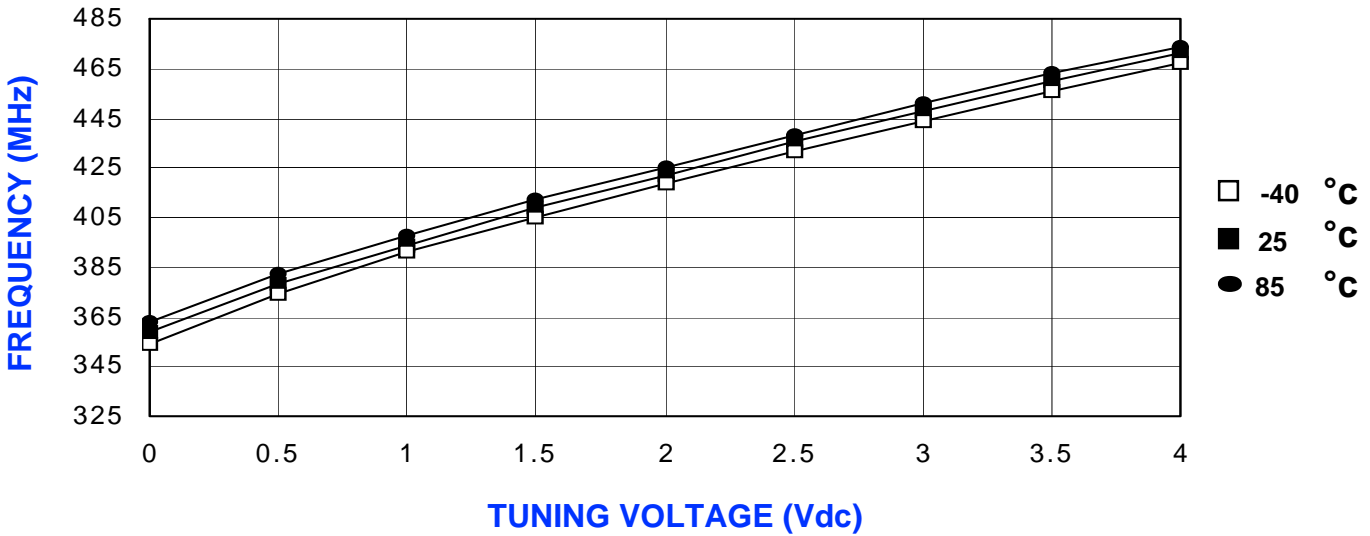
#### APPLICATION NOTES

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

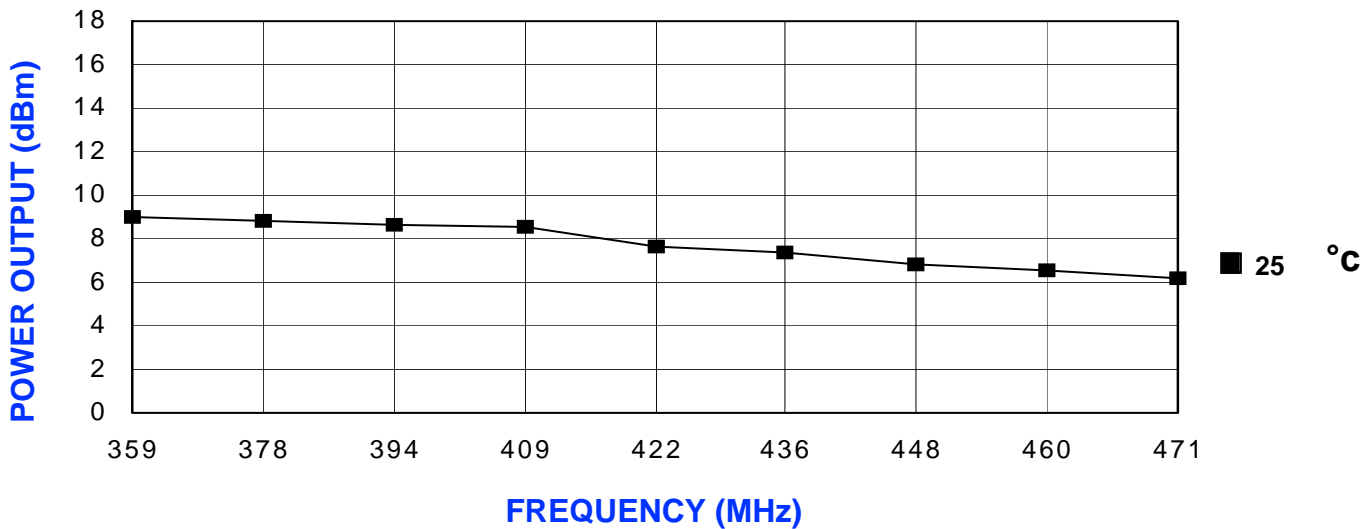
#### NOTES:



**TUNING CURVE, typ.**



**POWER CURVE, typ.**



**PHYSICAL DIMENSIONS**

