



查询V116MC01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

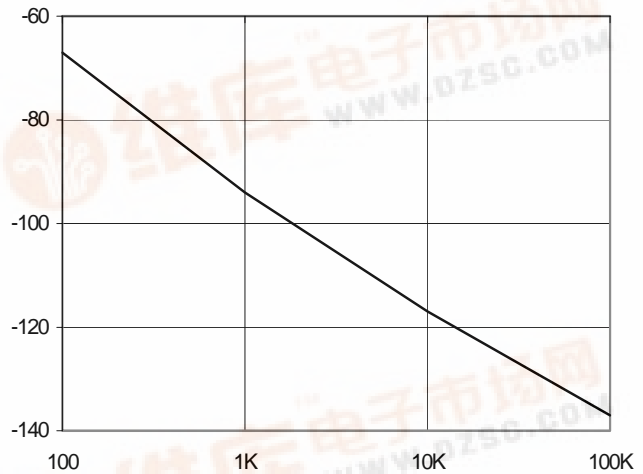
**V116MC01**

**VOLTAGE CONTROLLED OSCILLATOR**

Rev A2



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



£(f) (dBc/Hz)

### OFFSET (Hz)

#### FEATURES

- Frequency Range: 114 - 118 MHz
- Tuning Voltage: 2-4 Vdc
- MINI-14S - Style Package

#### APPLICATIONS

- Satellite Modems
- CATV
- Test Instrumentation

#### PERFORMANCE SPECIFICATIONS

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	114 - 118	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-114	dBc/Hz
Harmonic Suppression (2nd, typ.)	-7	dBc
Tuning Voltage	2-4	Vdc
Tuning Sensitivity (avg.)	12	MHz/V
Power Output	0±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	600	pF
Pushing	<1	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<1	MHz
Operating Temperature Range	-20 to 80	°C
Package Style	MINI-14S	

#### POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	13	mA

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

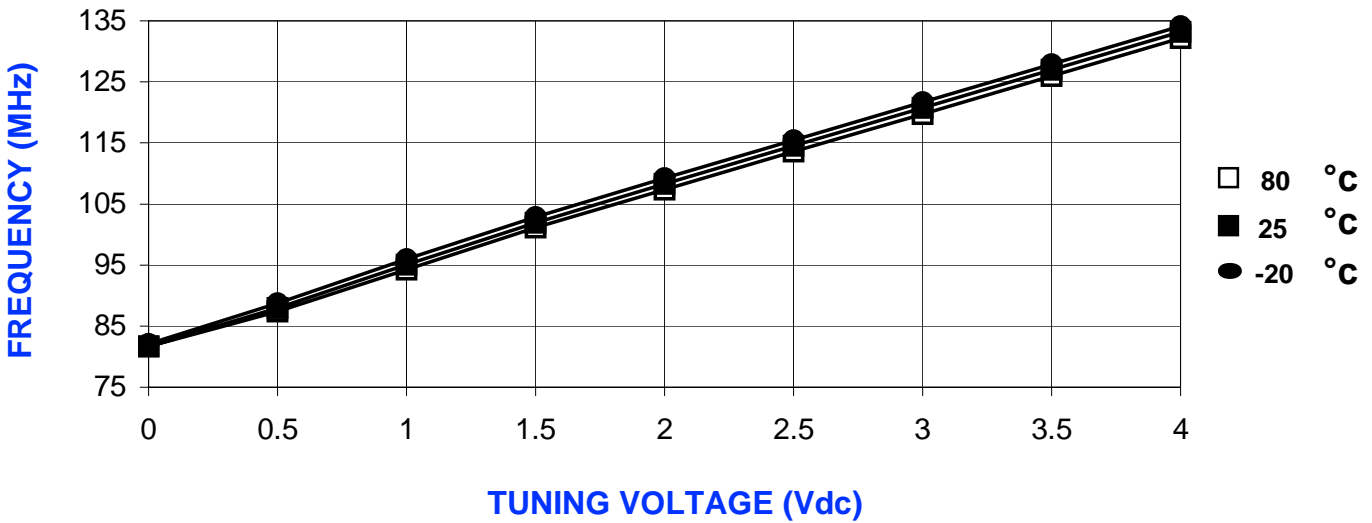
#### APPLICATION NOTES

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

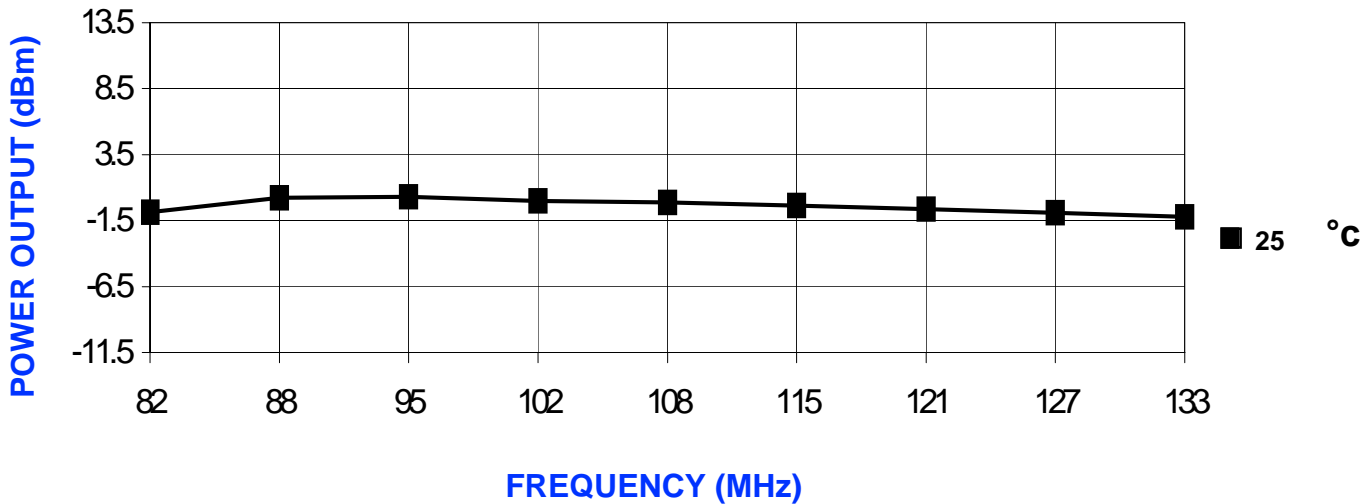
#### NOTES:



**TUNING CURVE, typ.**



**POWER CURVE, typ.**



**PHYSICAL DIMENSIONS**

