



查询V804ME14供应商

**Z-Communications, Inc.**

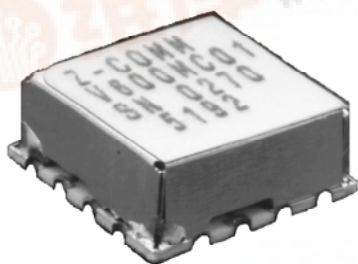
9939 Via Pasar • San Diego, CA 92126  
TEL (858) 621-2700 FAX (858) 621-2722

捷多邦, 专业PCB打样工厂, 24小时加急出货

**V804ME14**

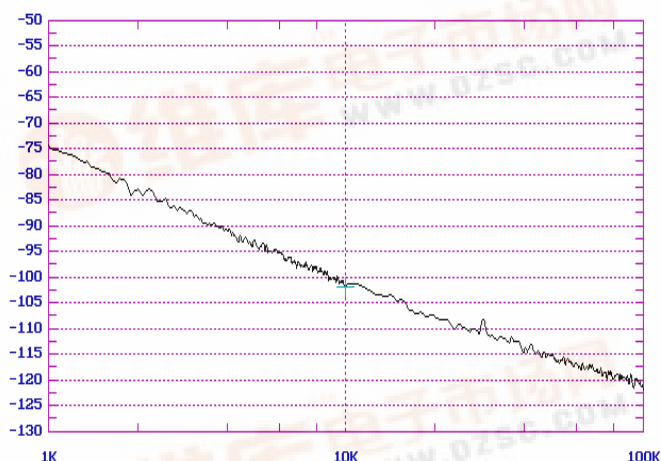
**VOLTAGE CONTROLLED OSCILLATOR**

Rev A1



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

$L(f)$  (dBc/Hz)



### OFFSET (Hz)

| FEATURES                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Frequency Range: 2300 - 2450 MHz</li><li>• Tuning Voltage: 0.5-4.5 Vdc</li><li>• MINI-16-L - Style Package</li></ul> |
| APPLICATIONS                                                                                                                                                 |
| <ul style="list-style-type: none"><li>• WLAN</li><li>• Broadcast Systems</li><li>• Mobile Communication Systems</li></ul>                                    |

| PERFORMANCE SPECIFICATIONS                  | VALUE       | UNITS              |
|---------------------------------------------|-------------|--------------------|
| Oscillation Frequency Range                 | 2300 - 2450 | MHz                |
| Phase Noise @ 10 kHz offset (1 Hz BW, typ.) | -101        | dBc/Hz             |
| Harmonic Suppression (2nd, typ.)            | -20         | dBc                |
| Tuning Voltage                              | 0.5-4.5     | Vdc                |
| Tuning Sensitivity (avg.)                   | 50          | MHz/V              |
| Power Output                                | 4±2         | dBm                |
| Load Impedance                              | 50          | $\Omega$           |
| Input Capacitance (max.)                    | 50          | pF                 |
| Pushing                                     | <4          | MHz/V              |
| Pulling (14 dB Return Loss, Any Phase)      | <2          | 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.)                  | 28          | mA                 |

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

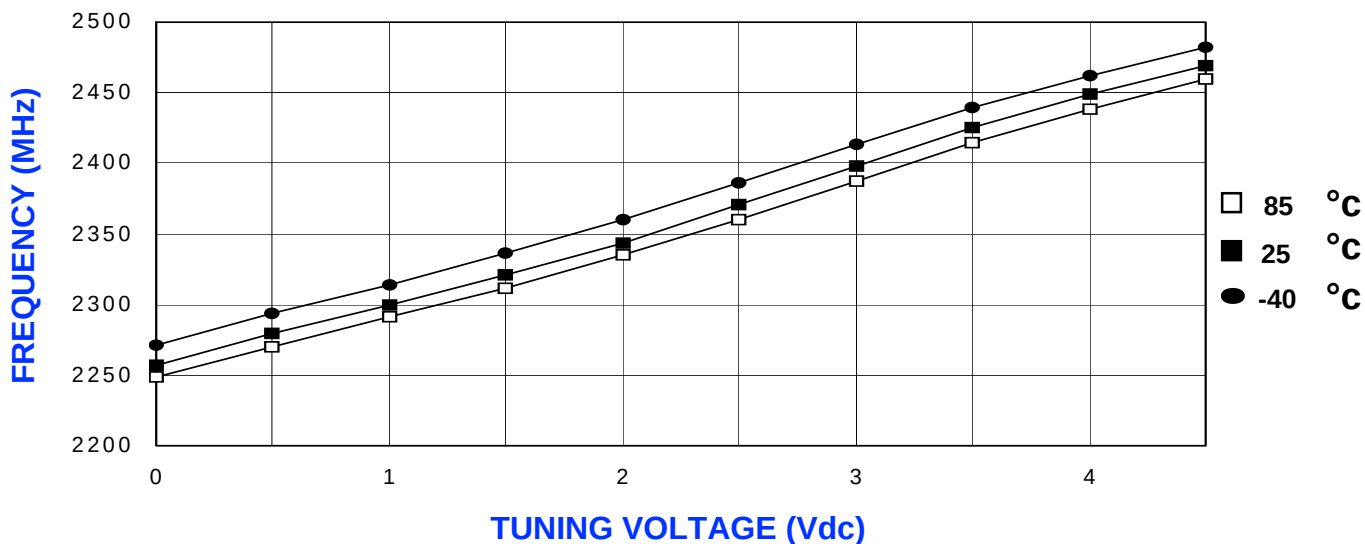
### APPLICATION NOTES

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

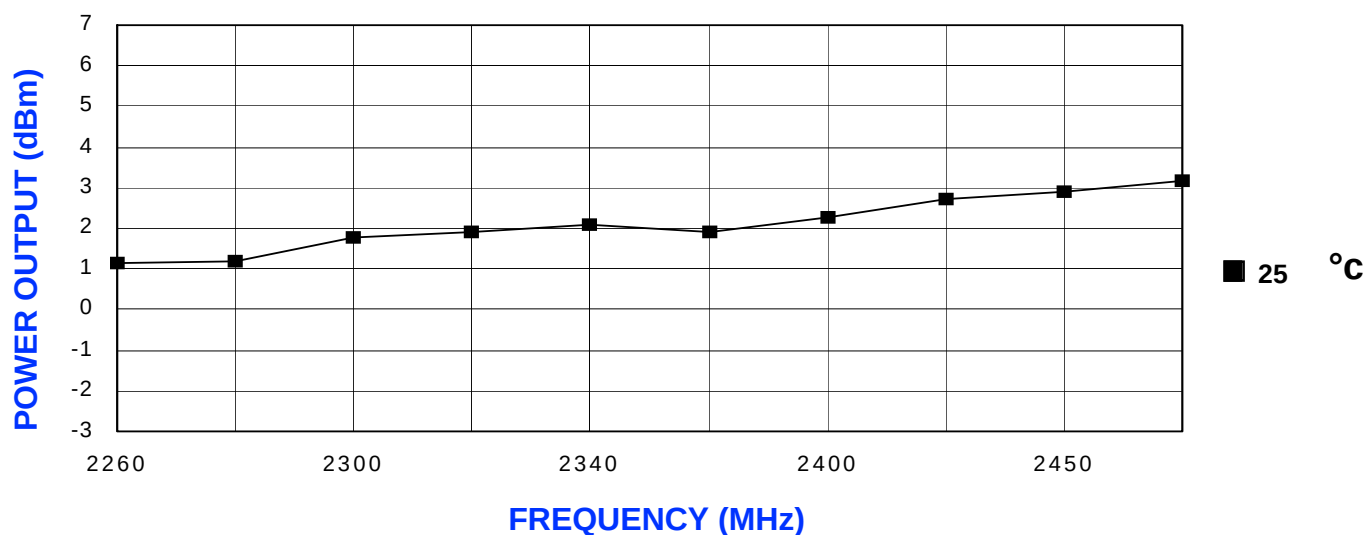
### NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

