



查询V804ME04供应商

Z-Communications, Inc.

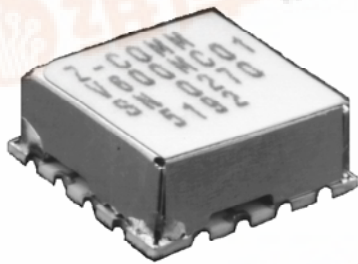
9939 Via Pasar • San Diego, CA 92126
TEL (858) 621-2700 FAX (858) 621-2722

捷多邦, 专业PCB打样工厂, 24小时加急出货

V804ME04

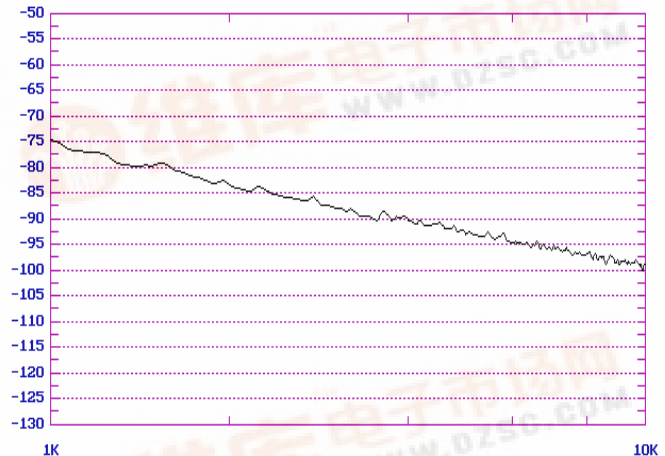
VOLTAGE CONTROLLED OSCILLATOR

Rev D4



PHASE NOISE (1 Hz BW, typical)

$L(f)$ (dBc/Hz)



OFFSET (Hz)

FEATURES

- Frequency Range: 2300 - 2500 MHz
- Tuning Voltage: 1.5-10.5 Vdc
- MINI-14H - Style Package

APPLICATIONS

- Earthstations
- PCN Basestations
- Satellite Modems

PERFORMANCE SPECIFICATIONS

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	2300 - 2500	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-99	dBc/Hz
Harmonic Suppression (2nd, typ.)	-16	dBc
Tuning Voltage	1.5-10.5	Vdc
Tuning Sensitivity (avg.)	47	MHz/V
Power Output	9.5±2.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<2	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<30	MHz
Operating Temperature Range	-40 to 70	$^{\circ}\text{C}$
Package Style	MINI-14H	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	10	Vdc
Supply Current (Icc, typ.)	16	mA

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

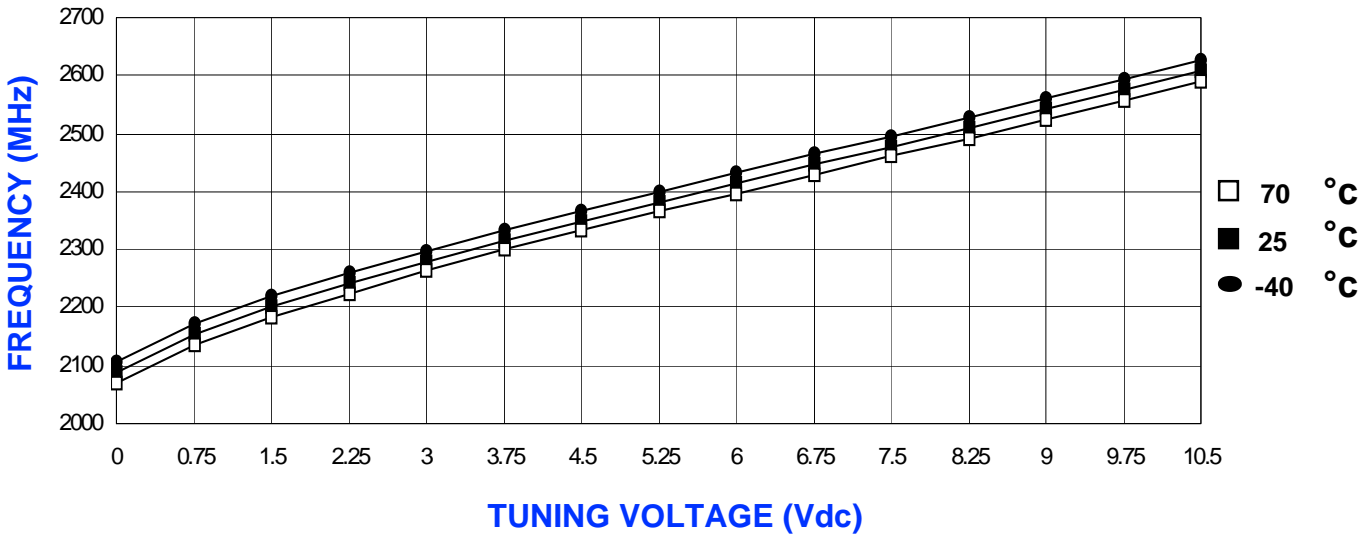
APPLICATION NOTES

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

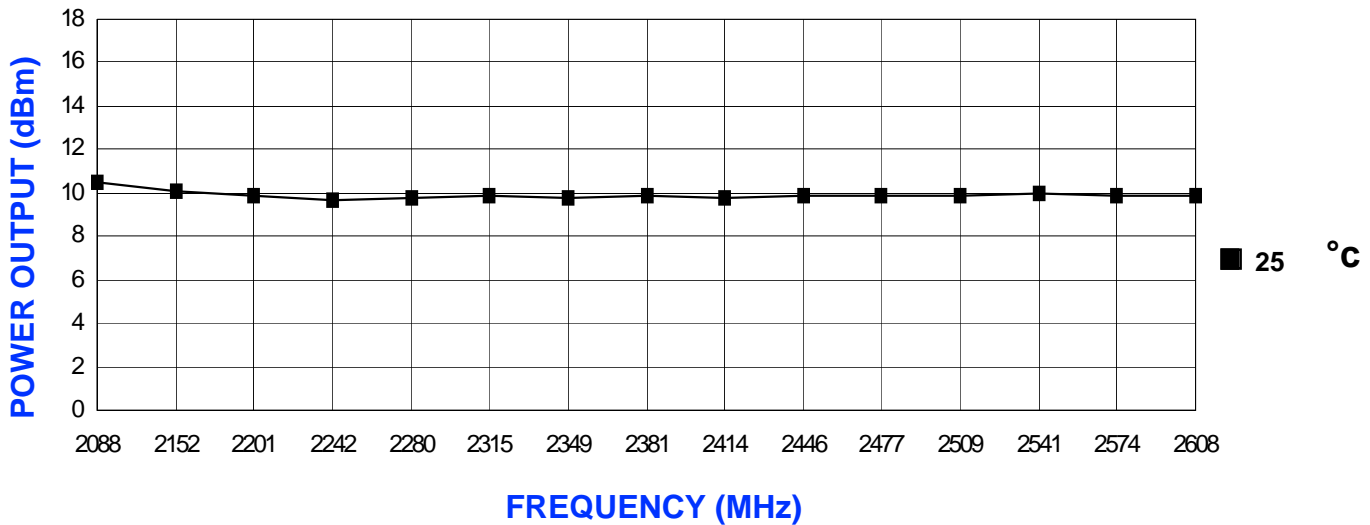
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

