



查询V603ME07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

V603ME07

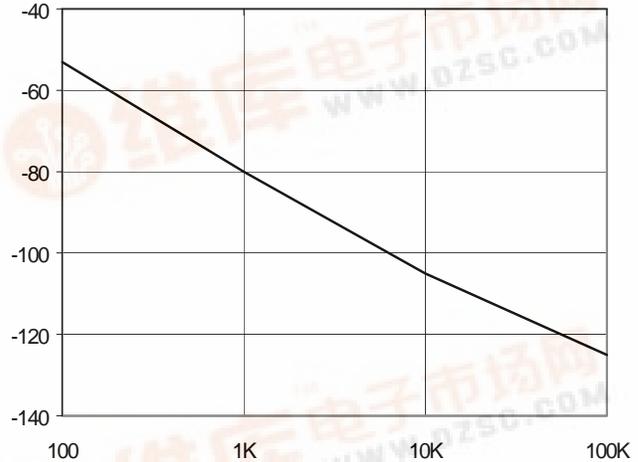
VOLTAGE CONTROLLED OSCILLATOR

Rev A2



PHASE NOISE (1 Hz BW, typical)

$L(f)$ (dBc/Hz)



OFFSET (Hz)

FEATURES

- Frequency Range: 1896 - 1924 MHz
- Tuning Voltage: 0.5-5 Vdc
- MINI-14S - Style Package

APPLICATIONS

- VSAT
- GPS Receivers
- Earthstations

PERFORMANCE SPECIFICATIONS

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	1896 - 1924	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-105	dBc/Hz
Harmonic Suppression (2nd, typ.)	-15	dBc
Tuning Voltage	0.5-5	Vdc
Tuning Sensitivity (avg.)	18	MHz/V
Power Output	4±2.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<3	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<5	MHz
Operating Temperature Range	-40 to 85	$^{\circ}\text{C}$
Package Style	MINI-14S	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	4.5	Vdc
Supply Current (Icc, typ.)	28	mA

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

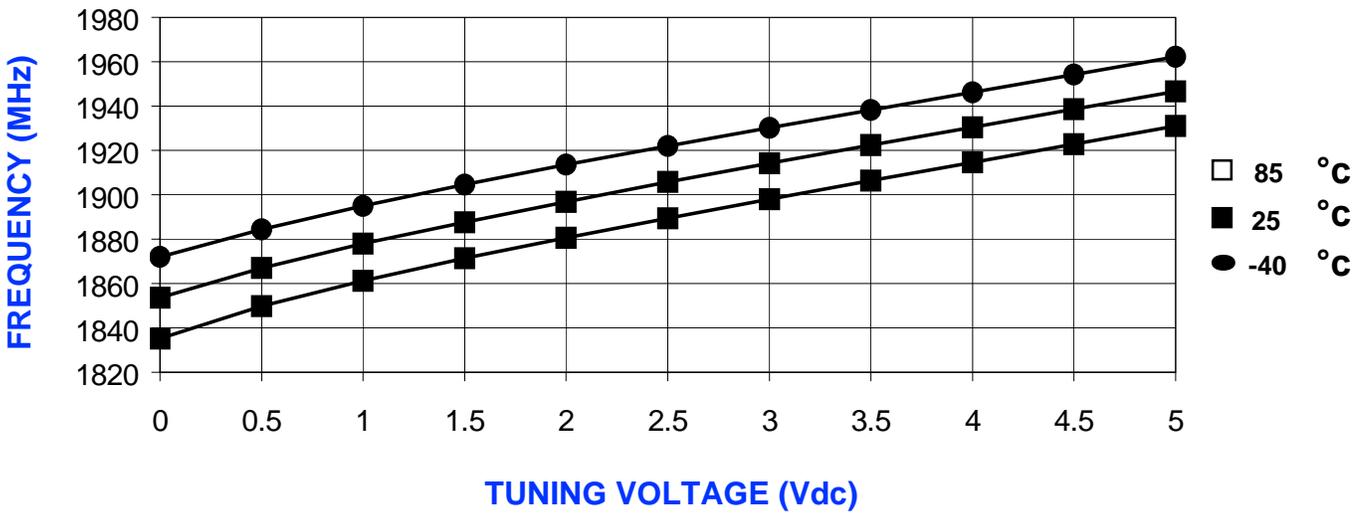
APPLICATION NOTES

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

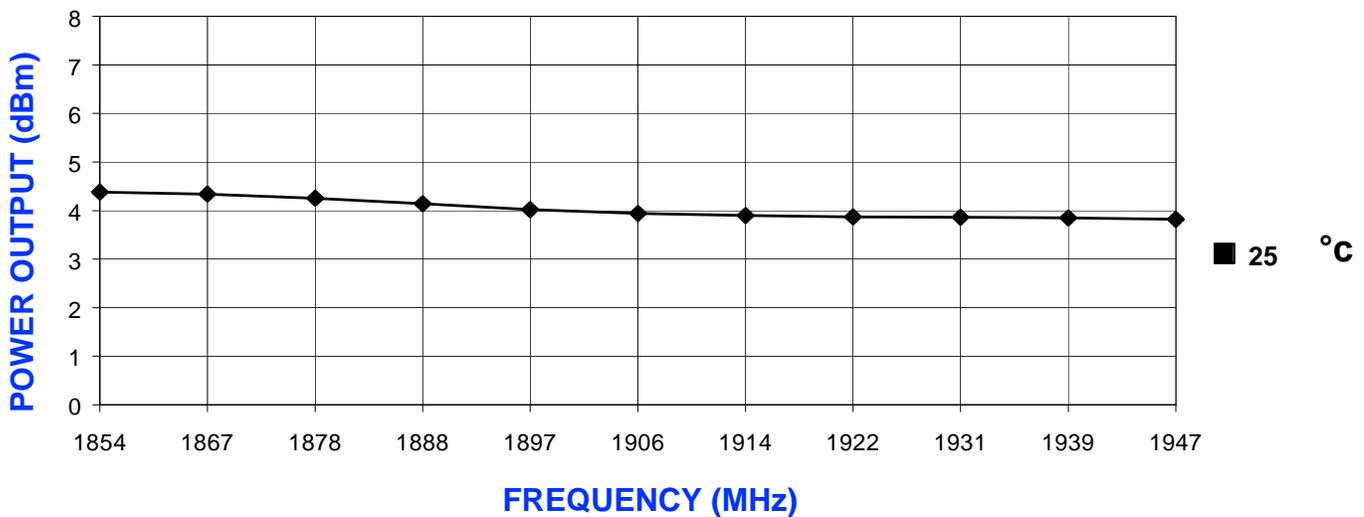
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

