



查询V674ME25-LF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

V674ME25-LF

VOLTAGE CONTROLLED OSCILLATOR

Rev A1



FEATURES

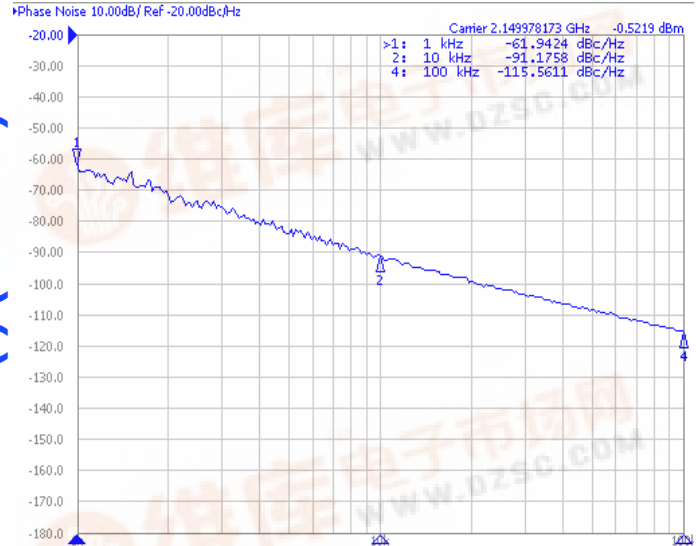
- Frequency Range: 1820 - 2480 MHz
- Tuning Voltage: 0.5-9.5 Vdc
- MINI-14H - Style Package

APPLICATIONS

- Digital Radios
- Earthstations
- Satellite Modems

$L(f)$ (dBc/Hz)

PHASE NOISE (1 Hz BW, typical)



OFFSET (Hz)

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	1820 - 2480	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-91	dBc/Hz
Harmonic Suppression (2nd, typ.)	-6	dBc
Tuning Voltage	0.5-9.5	Vdc
Tuning Sensitivity (avg.)	131	MHz/V
Power Output	4.5±3.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<2	MHz/V
Pulling (14dB Return Loss, Any Phase)	<20	MHz
Operating Temperature Range	-40 to 85	$^{\circ}\text{C}$
Package Style	MINI-14H	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	10	Vdc
Supply Current (Icc, typ.)	13	mA

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

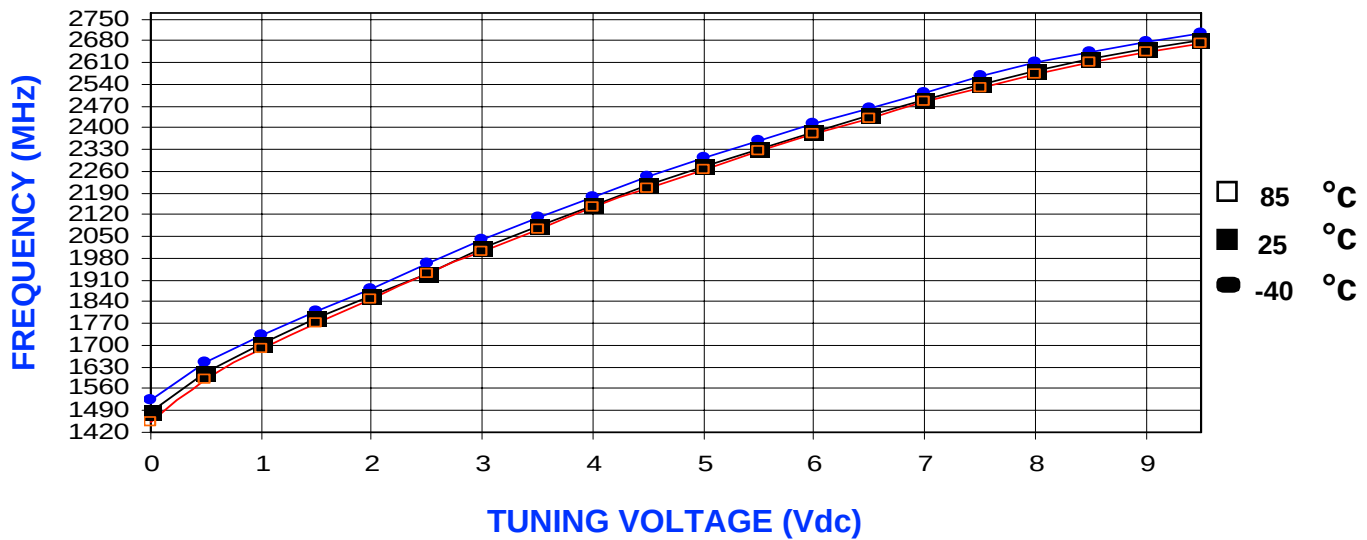
APPLICATION NOTES

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

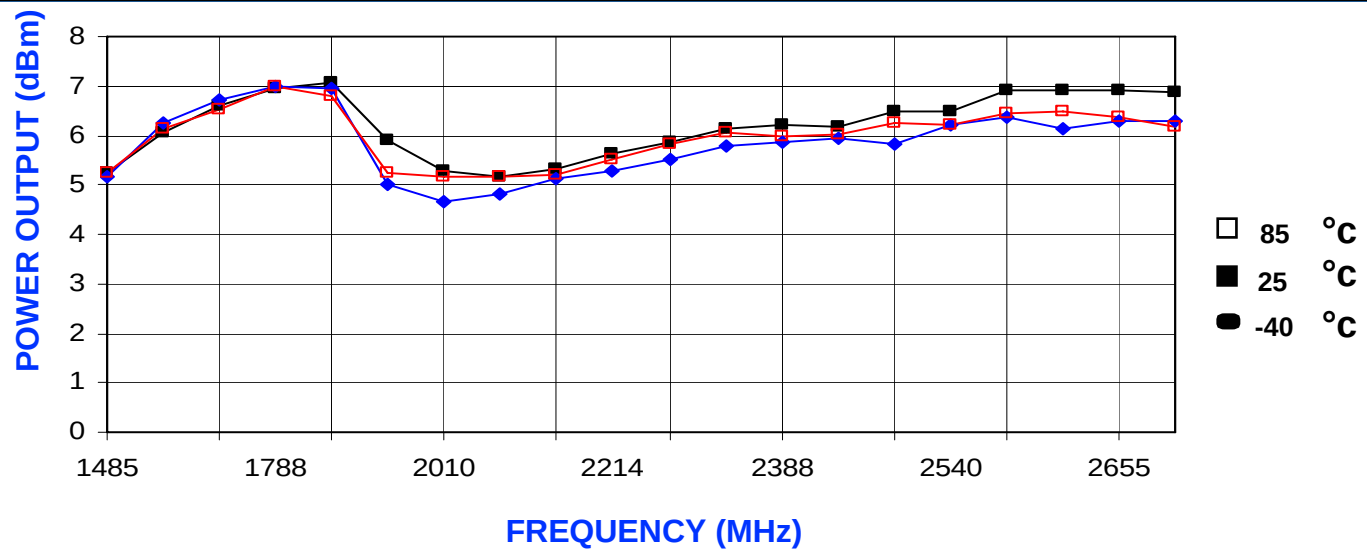
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

