



查询V175ME10-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

V175ME10-LF

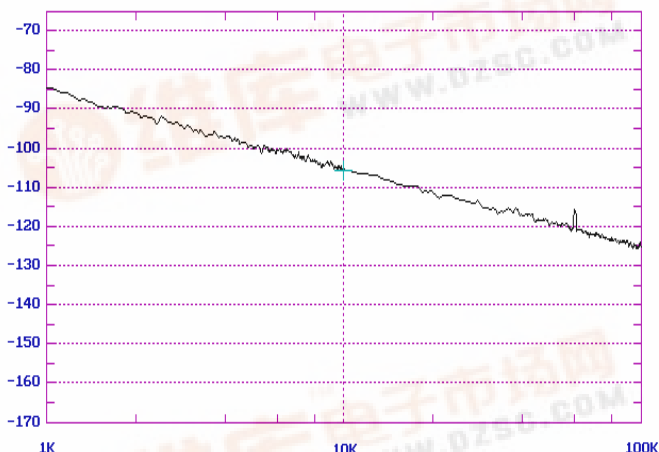
VOLTAGE CONTROLLED OSCILLATOR

Rev A1



PHASE NOISE (1 Hz BW, typical)

$L(f)$ (dBc/Hz)



OFFSET (Hz)

FEATURES
• Frequency Range: 150 - 200 MHz • Tuning Voltage: 0.5-4.5 Vdc • MINI-16 - Style Package
APPLICATIONS
• RF Modems • Earthstations • Test Instrumentation

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	150 - 200	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-105	dBc/Hz
Harmonic Suppression (2nd, typ.)	-10	dBc
Tuning Voltage	0.5-4.5	Vdc
Tuning Sensitivity (avg.)	17	MHz/V
Power Output	1.5±3.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	550	pF
Pushing	<2	MHz/V
Pulling (14dB Return Loss, Any Phase)	<2	MHz
Operating Temperature Range	-30 to 85	$^{\circ}\text{C}$
Package Style	MINI-16	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	4.75	Vdc
Supply Current (Icc, typ.)	8	mA

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

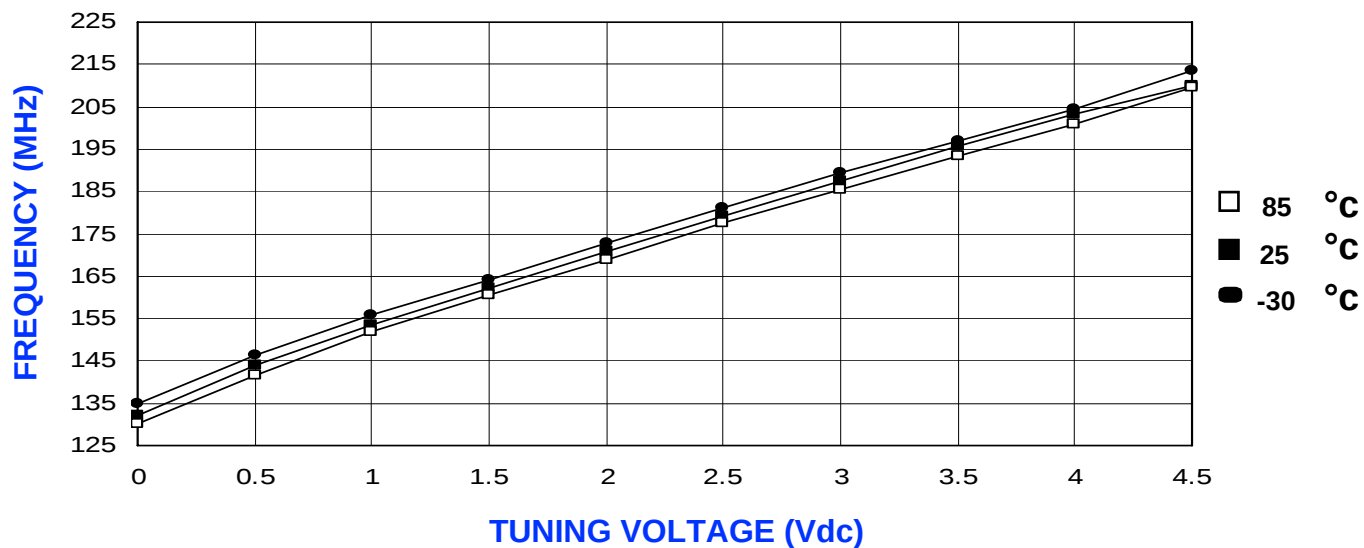
APPLICATION NOTES

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

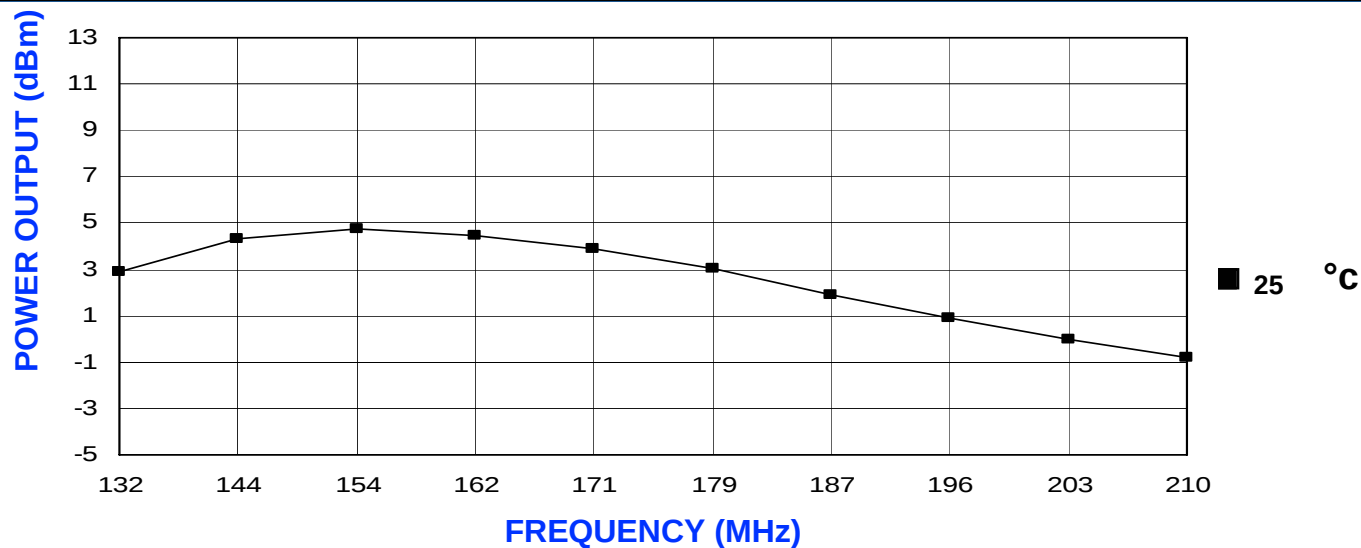
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

