



查询V495ME03供应商

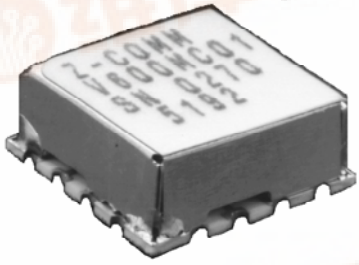
Z-Communications, Inc.

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

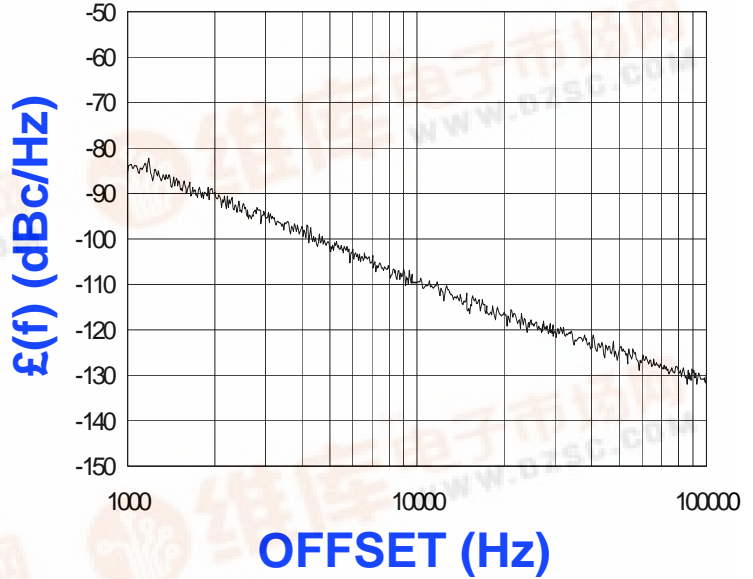
捷多邦, 专业PCB打样工厂, 24小时加急出货

V495ME03

VOLTAGE CONTROLLED OSCILLATOR
Rev B2



PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 470 - 520 MHz
- Tuning Voltage: 0.5-4.5 Vdc
- MINI-16M-L - Style Package

APPLICATIONS

- Satellite Modems
- Mobile Radios
- CATV

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	470 - 520	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-109	dBc/Hz
Harmonic Suppression (2nd, typ.)	-7	dBc
Tuning Voltage	0.5-4.5	Vdc
Tuning Sensitivity (avg.)	24	MHz/V
Power Output	1±2	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	150	pF
Pushing	<7	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<1	MHz
Operating Temperature Range	0 to 75	$^{\circ}\text{C}$
Package Style	MINI-16M-L	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	2	Vdc
Supply Current (Icc, typ.)	10	mA

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

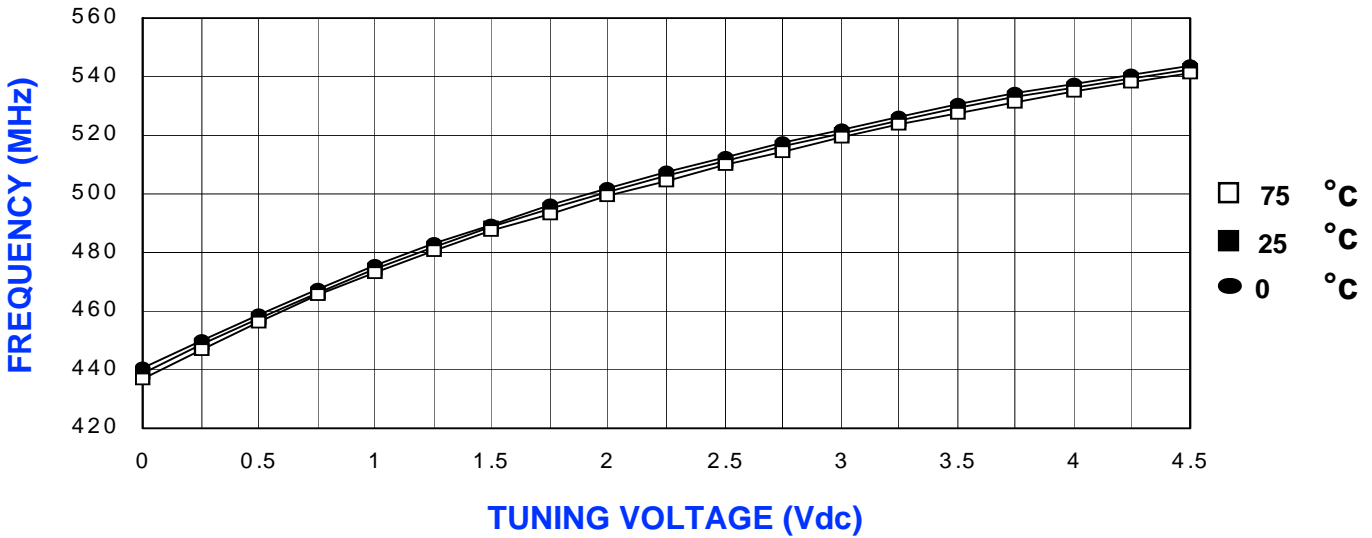
APPLICATION NOTES

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

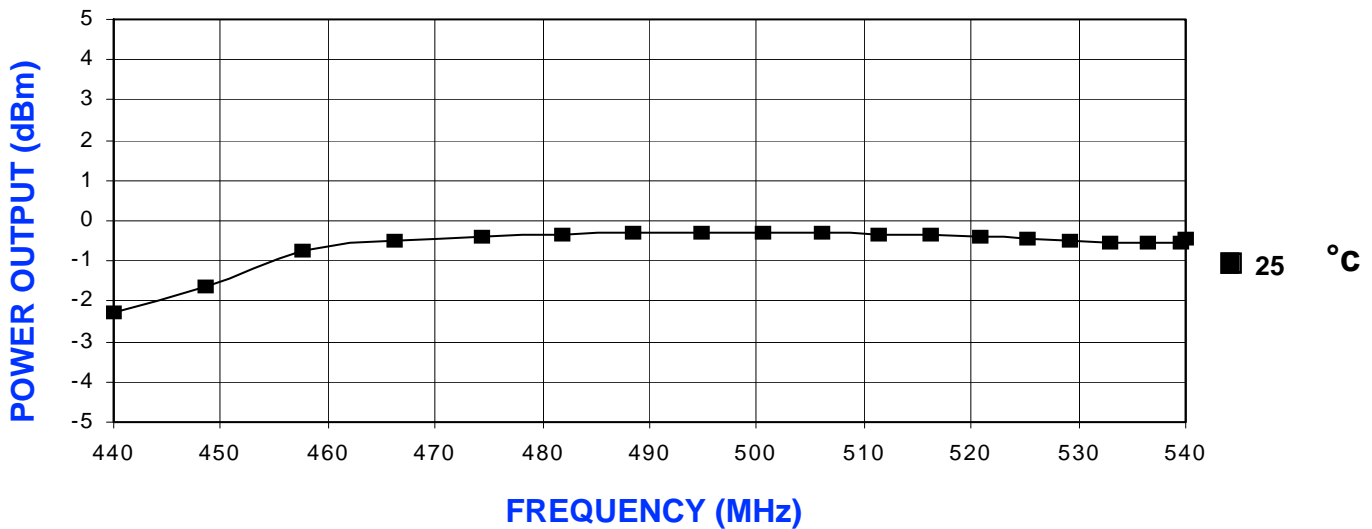
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

