VCO MODEL D-1555

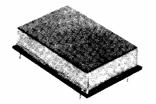
下ら0・15

PAGE 1

Z-COMMUNICATIONS INC

45E D

9966466 0000362 T ■ZCI

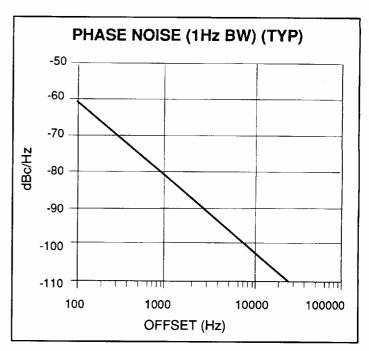


FEATURES

- Exceptional Phase Noise Characteristics
- Excellent Temperature Stability
- Tuning Voltage 0 to 15 Volts

APPLICATIONS

- VHF Communications
 Test Equipment
- 900 MHz Radios LO'S, PLL'S, Digital Cellular



PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Center Frequency	1555	MHz
Phase Noise (@ 10KHz offset, 1 Hz Bandwidth)	-103	dBc
Harmonic Suppression (2nd, typ)	-10	dBc
Tuning Voltage	0 - 15	Vdc
Tuning Sensitivity (avg.)	10	MHz/V
Power Output (into 50 Ω @ 25°C)	+10.5 ± 2	dBm
Load Impedance	50	Ω
Input Capacitance (max)	100	pF
Pushing	<1	MHz/V
Pulling (12 dB Return Loss, Any Phase)	< 1	MHz
Operating Temperature Range	0 to 70	°C
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc)	12	Vdc
Supply Current (lcc)(max)	80	mA

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

APPLICATION NOTES

- 1. For proper mounting and grounding of VCO, refer to application note AN-101.
- 2. For proper output loading of VCO, refer to application note AN-102.

PAGE 2

