

NEW!

VCOs FOR THE REAL WORLD



Micronetics Wireless new MW500 Series offers the small size (.394"x.292"x.075"), high performance and low cost required in most of today's wireless communication systems. Large volumes are available on tape and reel.

FEATURES

- Excellent phase noise
- Excellent tuning linearity
- Low current consumption
- Temperature stability: -40 to 85° C
- Multi-layer design
- Laser-trimmed
- 100% electronically tested

APPLICATIONS

- Wireless Local Loop
- W-CDMA

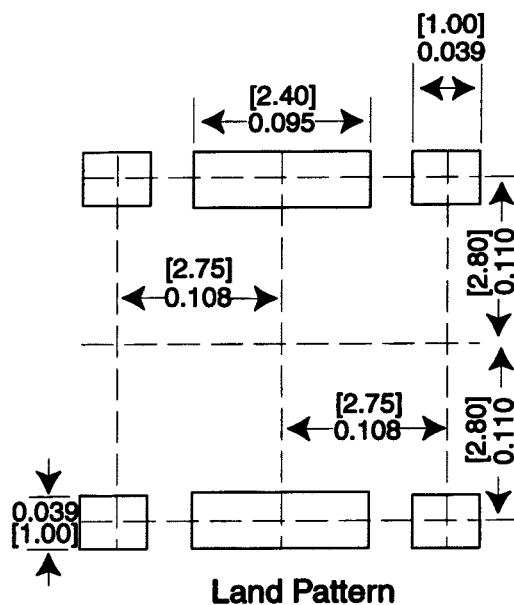
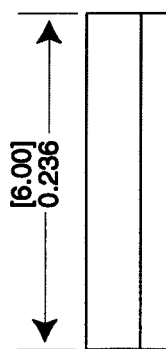
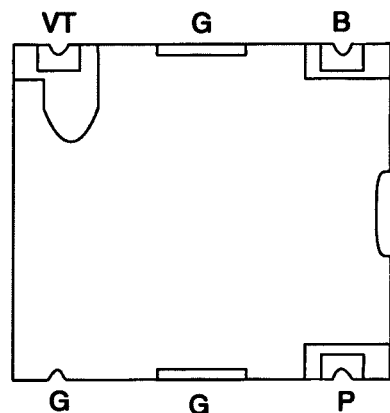
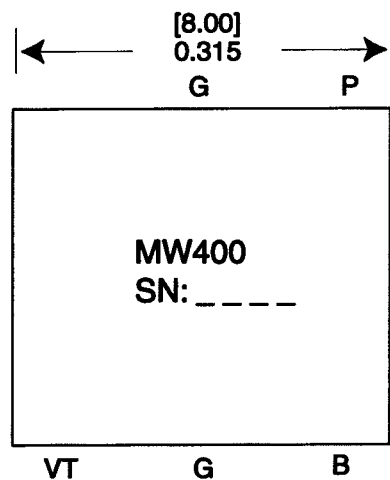
MW500 SERIES

Frequency Range [MHz]	Supply Voltage [V]	Supply Current [mA]	Output Power [dBm]	Control Volt - Range [V]	Tuning Sensitivity [MHz/V]	Phase Noise Freq. [kHz] [dBc/Hz]		Phase Noise Freq. [kHz] [dBc/Hz]		Harmonic [dBc]	Pushing [MHz/V]	Pulling [MHz]	Operating Temp. °C	Application	Part Number
1865 - 2065	+5	<25	9±2	0.7-4.0	<1.5:1	10	-100	100	-120	-20	<2	<4	-40 - +85°	WLL	520
2132 - 2225	+3	<20	9±3	0.5-3.0	<1.5:1	10	-100	100	-120	-18	<2	<10	-40 - +85°	CUSTOM	514
2162 - 2255	+3	<20	9±3	0.3-2.7	<1.5:1	10	-97	100	-117	-10	<1	<5	-40 - +85°	WCDMA	511
2248 - 2448	+5	<20	9±2	0.5-4.0	<1.5:1	10	-97	100	-118	-10	<2	<10	-40 - +85°	WLL	521
2295 - 2315	+5	<20	-2±3	1-4	<1.5:1	25	-107	100	-120	-10	<2	<10	-20 - +70°	WCDMA	516
2300 - 2500	+5	<15	-3±2	0.5-4.5	60±10	10	-93	100	-114	-15	<2	<10	-40 - +85°	WLAN	522
2400 - 2500	+3	<20	3±3	0.5-2.5	<1.5:1	10	-97	100	-117	-20	<1	<10	-20 - +80°	WLL HANDSET	504
2400 - 2500	+5	<20	3±3	1-4	<1.5:1	10	-95	100	-115	-15	<1	<10	-20 - +80°	WLL HANDSET	503
3100 - 3450	+4±.5	<40	0±2	0-3.6	<1.5:1	10	-85	100	-105	-25	<12	<5	-40 - +85°	WLL	523

MICRONETICS
WIRELESS



PACKAGE OUTLINE



P= Output
B= Power Supply
VT= Tuning Voltage
G= Ground

NOTE:

1. There is no mark of terminals on the product.
2. Unit: mm

MICRONETICS

WIRELESS

