

ZLX Series Drop-in Industry Replacement

PRODUCT FEATURES

- High volume / Cost effective design
- Fixed-frequency or serially-programmable

GENERAL CHARACTERISTICS

- Frequency: 800 MHz to 3.8 GHz
- Bandwidth: Fixed, up to 30%
- Output Power: 0 to +7 dBm
- Phase Noise (Fout=3 GHz): <-100 dBc/Hz @ 10 KHz
- SMT Package: 0.6" x 0.6" x 0.15" • (15.2 x 15.2 x 3.8)mm



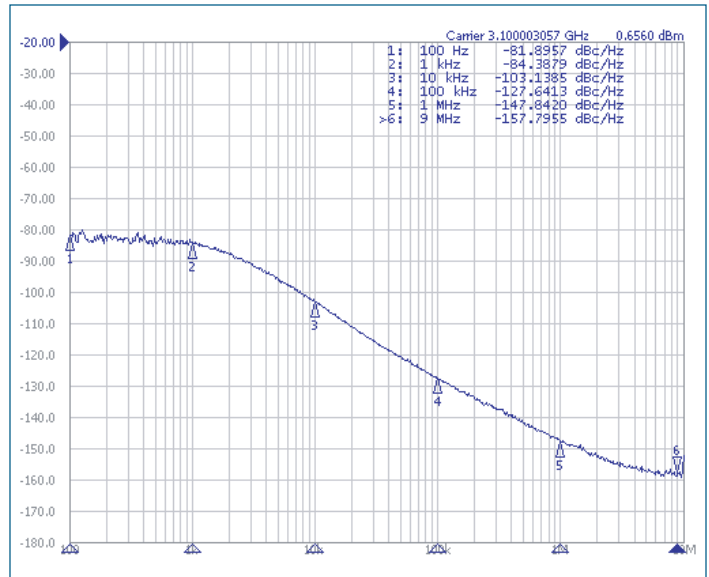
Custom Designs Available

Typical Performance for Select Units

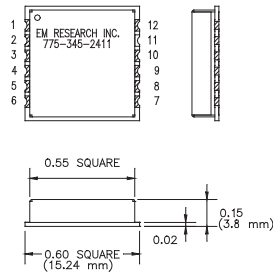
Model #	Power			Phase Noise (dBc/Hz)			Supply	
	Freq. (MHz)	Out (dBm)	Harmonics (dBc)	10 KHz	100KHz	Spurs (dBc)	Voltage (Vdc)	Current (mA)
ZLX-800-XX	800	+7	-20	-105	-125	-70	+5	55
ZLX-832-XX	832	+7	-20	-105	-125	-70	+5	55
ZLX-1030-XX	1030	+7	-20	-100	-120	-70	+5	55
ZLX-1090-XX	1090	+7	-20	-100	-120	-70	+5	55
ZLX-1260-XX	1260	+2	-20	-100	-120	-70	+5	40
ZLX-1410-XX	1410	+2	-20	-100	-120	-70	+5	40
ZLX-1620-XX	1620	+2	-20	-100	-120	-70	+5	40
ZLX-1850-XX	1850	+2	-20	-100	-120	-70	+5	40
ZLX-2090-XX	2090	+2	-20	-100	-120	-70	+5	40
ZLX-2320-XX	2320	+2	-20	-100	-120	-70	+5	40
ZLX-2700-XX	2700	+2	-20	-100	-120	-70	+5	40
ZLX-3100-XX	3100	+2	-20	-100	-120	-70	+5	40
ZLX-3200-XX	3200	+7	-20	-98	-118	-70	+5	55
ZLX-3500-XX	3500	+7	-20	-98	-118	-70	+5	55
ZLX-3800-XX	3800	+7	-20	-98	-118	-70	+5	55

*Custom frequencies available. All specifications are typical unless otherwise specified and subject to change without notice.

Phase Noise



Package



PIN OUTS	
1	GND
2	GND
3	GND
4	REF IN
5	GND
6	GND
7	VCC-VCO
8	GND
9	GND
10	RF OUT
11	VCC-PLL
12	LOCK

Note: All dimensions are in inches, unless otherwise specified

*Drawing not to scale