



LX Series Cost-Effective, High Volume

PRODUCT FEATURES

- High volume tape-and-reel packaging
- Optional internal reference **New!**

GENERAL CHARACTERISTICS

- Frequency: 30 MHz - 6 GHz
- Bandwidth: Fixed, to > 50%
- Phase Noise (Fout=2 GHz): <-98 dBc/Hz @ 10 KHz
- Supply Voltage: +3, +3.3, or +5 VDC
- SMT Package: 0.75" x 0.75" x 0.15" (19 x 19 x 3.8)mm

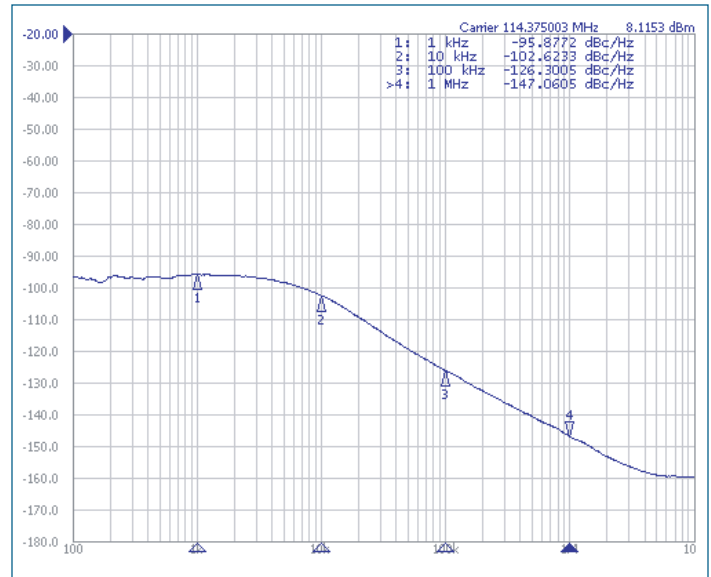


Typical Performance for Select Units

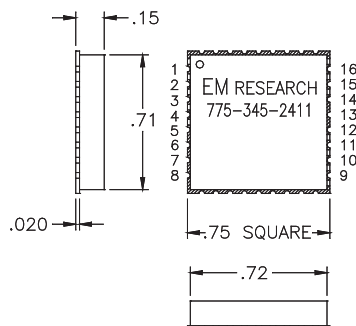
Model #	Freq. (MHz)	Step (KHz)	Power			Phase Noise (dBc/Hz)			Supply	
			Output (dBm)	Harmonics (dBc)	Spurs (dBc)	10 KHz	100KHz	Voltage (Vdc)	Current (mA)	
LX-50-XX	36-50	10	+7	-20	-100	-120	-70	+5	65	
LX-100-XX	100	na	+7	-15	-95	-120	-60	+5	65	
LX-1000-XX	700-1000	25	+7	-15	-90	-110	-60	+5	65	
LX-1200-XX	1200	na	+7	-20	-95	-115	-60	+5	65	
LX-1450-XX	950-1450	5000	+3	-10	-80	-80	-55	+5	75	
LX-1600-XX	1600	na	+7	-20	-90	-110	-60	+5	65	
LX-2500-XX	1500-2500	5000	+3	-20	-80	-80	-55	+5	75	
LX-2700-XX	2700	na	+7	-10	-90	-110	-60	+5	55	
LX-3000-XX	3000	na	+7	-20	-90	-110	-60	+5	55	
LX-3100-XX	3130-3150	125	+7	-20	-80	-111	-60	+5	65	
LX-3200-XX	3200	na	+7	-20	-91	-110	-60	+5	55	
LX-3500-XX	3500	na	+7	-20	-85	-105	-60	+5	55	
LX-3600-XX	3600	na	+7	-20	-88	-108	-60	+5	55	
LX-4740-XX	4740	na	+7	-20	-80	-100	-60	+5	75	
LX-5400-XX	5400	na	+0	-20	-75	-100	-70	+5	70	

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

Phase Noise



Package



PIN OUT

PIN	OUT
1	REF IN
2	ENABLE
3	DATA
4	CLOCK
5	GND
6	GND
7	GND
8	GND
9	A-VCC
10	GND
11	RF OUT
12	GND
13	GND
14	GND
15	D-VCC
16	LOCK

Note: All dimensions are in inches, unless otherwise specified

*Drawing not to scale