

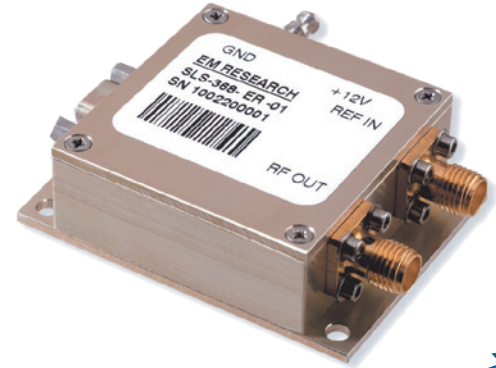
SLFS / SLS Series Multi-Purpose Synthesizers

PRODUCT FEATURES

- Fixed-frequency or serially-programmable

GENERAL CHARACTERISTICS

- Frequency: 50 MHz - 12 GHz
- Bandwidth: Fixed, to > 30%
- Phase Noise (Fout=2 GHz): <-100 dBc/Hz @ 10 KHz
- Supply Voltage: +5, +8, or +12 VDC
- Package: 1.5" x 1.5" x 0.6" (38.1 x 38.1 x 15.2)mm



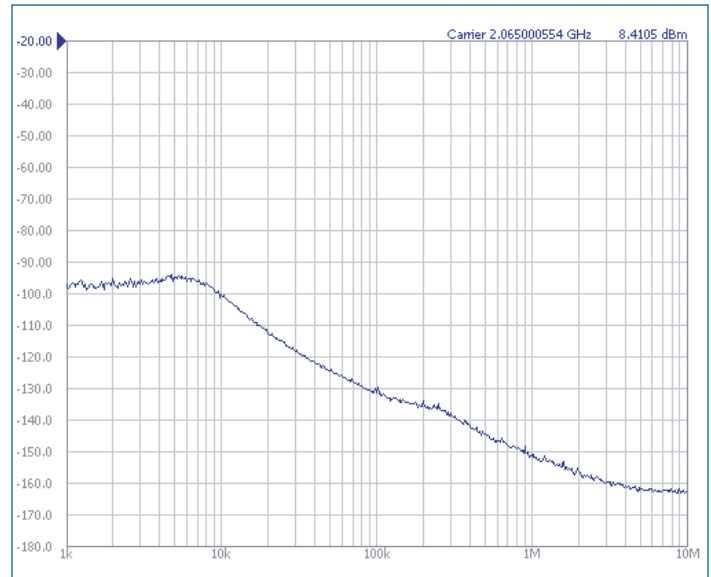
Custom Designs Available

Typical Performance for Select Units

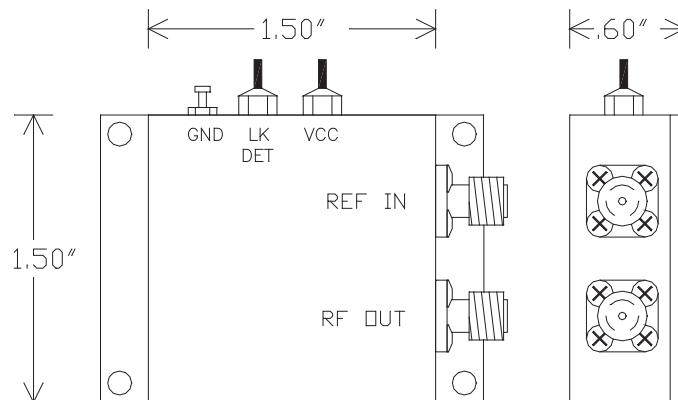
*Model #	Frequency (MHz)	Step (KHz)	Power Out (dBm)	Harmonics (dBc)	Phase Noise (dBc/Hz)		Spurs (dBc)	Supply	
					10 KHz	100KHz		Voltage (Vdc)	Current (mA)
SLFS-100-XX	100	na	+7	-45	-105	-130	-60	+12	165
SLFS-500-XX	500	na	+7	-15	-114	-134	-60	+15	165
SLFS-1000-XX	1000	na	+7	-20	-105	-125	-60	+12	165
SLFS-3000-XX	3000	na	+7	-30	-95	-115	-60	+12	135
SLFS-4500-XX	4500	na	+7	-20	-95	-115	-60	+12	165
SLFS-6000-XX	6000	na	+13	-20	-75	-100	-65	+12	165
SLFS-8700-XX	8700	na	+15	-20	-75	-95	-60	+12	220
SLFS-9100-XX	9100	na	+15	-20	-70	-90	-60	+12	220
SLS-100-XX	90-100	1	+7	-15	-90	-110	-50	+12	95
SLS-500-XX	300-500	100	+7	-12	-80	-90	-60	+12	125
SLS-1000-XX	900-1000	1000	+17	-20	-95	-115	-60	+12	180
SLS-2000-XX	1000-2000	1000	+10	-15	-90	-110	-70	+5	165
SLS-3000-XX	2000-3000	1000	+7	-20	-90	-112	-60	+15	120
SLS-7485-XX	6985-7485	100	+1	-15	-70	-110	-60	+15	200
SLS-8400-XX	7900-8400	1000	+0	-20	-70	-80	-40	+12	245
SLS-9900-XX	9300-9900	1000	+7	-25	-70	-95	-55	+15	245

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

Phase Noise @ 2.065 GHz



Package



Note: All dimensions are in inches, unless otherwise specified

*Drawing not to scale