

FEATURES

- Sub-Miniature, SMT Package (0.5" square)
- Programmable Frequencies to 6 GHz
- Buffered Output Power Available
- Low Power Consumption



Custom Designs Available



SPECIFICATIONS

Frequency Range	50 to 6000 MHz
Bandwidth	≤67% to 2 GHz
.....	≤33% to 4 GHz
.....	≤20% to 6 GHz
Step Size	down to 25 KHz
External Reference	5 to 100 MHz
Power Output	up to +7 dBm
Harmonics	<-15 dBc
Spurs	<-50 dBc
Supply Options	+3, +3.3, +5 VDC
Current	≤65 mA

Phase Noise (dBc/Hz)	2000 MHz	4000 MHz
1 KHz Offset	<-80	<-70
10 KHz Offset	<-85	<-75
100 KHz Offset	<-98	<-95
1 MHz Offset	<-120	<-115

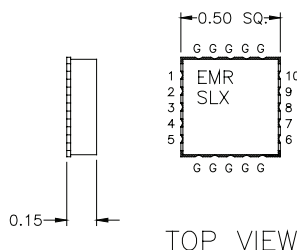
Temperature Ranges (Operating)

Standard	-20°C to +60°C
Other Available Ranges	-30°C to +70°C
.....	-40°C to +85°C

Package Size	0.5" x 0.5" x 0.15"
.....	(12.7 x 12.7 x 3.8)mm

Note: All specifications are typical unless otherwise specified and subject to change without notice. Not all performance parameters are available in combination with certain specifications. E.G. Not all power output levels are available at all frequency ranges.

PACKAGE OUTLINE



Notes:

1. Tape-and-Reel available for high volume quantities.
2. Demoboards and Reference Modules available.
3. All dimensions are in inches unless otherwise specified.
4. Diagrams and pictures shown are examples only.

SLX Series_Prog_Product Overview Datasheet, Rev A, 6.14.12

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