

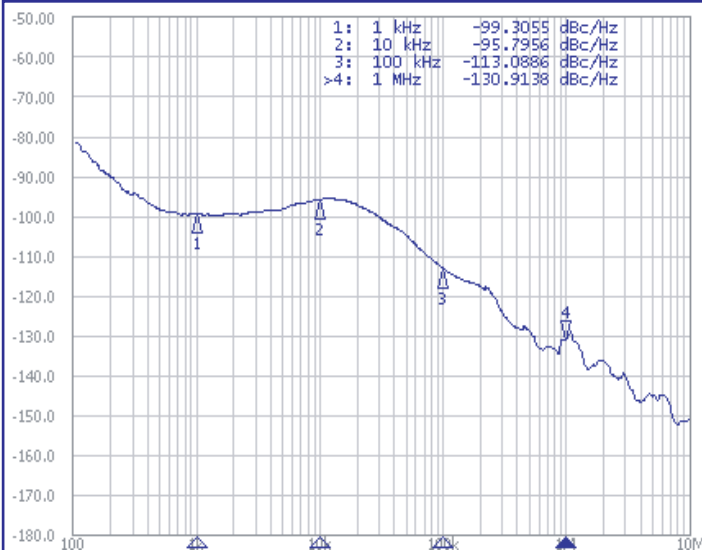


Frequency:	SLX-406 406.025 MHz
Reference:	12 MHz
Output Power:	+5 dBm
Temp Range:	-30°C to +70°C
Harmonics:	<-20 dBc
Spurs:	<-60 dBc
Phase Noise:	<-95 dBc @ 10 KHz <-113 dBc @ 100 KHz
D-VCC:	+3.3V @15 mA (typical)
A-VCC:	+3.3V @15 mA (typical)
Package:	0.5" x 0.5" x 0.15" • (12.7 x 12.7 x 3.8)mm



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

### SLX-406 Phase Noise

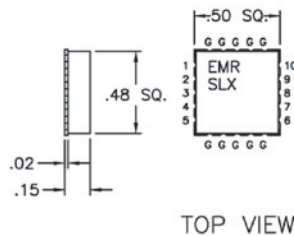


### Description

The SLX-406 from EM Research provides the modulated carrier frequency for emergency locator transmitters required by the FAA for most general aviation aircraft. The unit operates at the fixed-frequency of 406.025 MHz with +5 dBm power output, and features low phase noise, <-95 dBc/Hz @ 10 KHz and low power consumption of <100mW @ +3.3VDC. The SLX-406 is housed in an ultra-miniature surface-mount package, 0.5" x 0.5" x 0.15" (12.7mm x 12.7mm x 3.8mm).

SLX Series Frequency Synthesizers from EM Research are specifically engineered for applications requiring ultra-miniature signal sources with exceptional performance. The SLX is available in frequencies from 30 MHz to 6 GHz, fixed or with bandwidths up to 50%, and feature low phase noise and low power consumption.

### Package



### CONFIGURATION TABLE

PIN	-03
1	LOCK
2	NC
3	NC
4	NC
5	REF IN
6	RF OUT
7	A-Vcc
8	GND
9	GND
10	D-Vcc

ALL OTHER PINS ARE GROUND

Note: All dimensions are in inches, unless otherwise specified  
\*Drawing not to scale