

### FEATURES

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



Custom Designs Available



### SPECIFICATIONS

Frequency Range .....	50 to 6000 MHz
Bandwidth .....	Fixed
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 .....	≤75 mA
Package Size .....	0.5" x 0.5" x 0.15"
.....	(12.7 x 12.7 x 3.8)mm

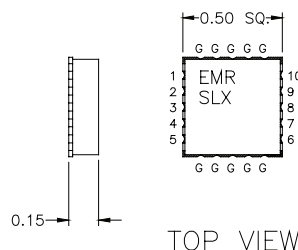
Phase Noise (dBc/Hz)	1000 MHz	4000 MHz
1 KHz Offset .....	<-106	<-90
10 KHz Offset .....	<-106	<-90
100 KHz Offset .....	<-110	<-103
1 MHz Offset .....	<-132	<-121

#### Temperature Ranges (Operating)

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

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.