

CLX Series

PRODUCT SERIES OVERVIEW

0.75" Phase-Locked Oscillator
200 MHz to 4.5 GHz

FEATURES

- Exceptionally-Low Phase Noise
- Miniature, SMT Package (0.75" square)
- Fixed-Frequencies to 4500 MHz



Custom Designs Available

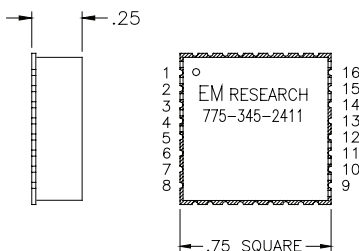


SPECIFICATIONS

Frequency Range	200 to 4500 MHz	Phase Noise (dBc/Hz)	1000 MHz	4000 MHz
Bandwidth	Fixed	1 KHz Offset	<-100	<-90
External Reference	5 to 100 MHz	10 KHz Offset	<-110	<-100
Power Output	up to +20 dBm	100 KHz Offset	<-135	<-126
Harmonics	<-25 dBc	1 MHz Offset	<-155	<-145
Spurs	<-60 dBc			
Supply Options	+3.3, +5 VDC	Temperature Ranges (Operating)		
Current	≤175 mA	Standard	-20°C to +60°C	
		Other Available Ranges	-30°C to +70°C	
			-40°C to +85°C	
Package Size	0.75" x 0.75" x 0.25"			
	(19 x 19 x 6.4)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.

CLX Series_Product Overview Datasheet, Rev A, 8.9.12

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