

ZLX Series

PRODUCT SERIES OVERVIEW

0.6" Phase-Locked Oscillator
50 MHz to 4.5 GHz

FEATURES

- Excellent Phase Noise
- Industry Standard SMT Package (0.6" square)
- Fixed-Frequencies to 4.5 GHz
- Optional Internal Reference
- Output Power to +10 dBm Available



Custom Designs Available

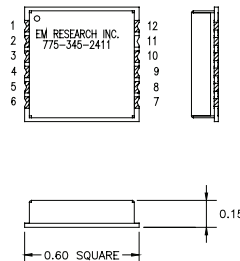


SPECIFICATIONS

Frequency Range	50 to 4500 MHz	Phase Noise (dBc/Hz)	2000 MHz	4000 MHz
Bandwidth	Fixed	1 KHz Offset	<-92	<-75
External Reference	5 to 100 MHz	10 KHz Offset	<-103	<-92
Internal Reference (Optional)	± 5 ppm, Stability	100 KHz Offset	<-128	<-118
Power Output	up to +10 dBm	1 MHz Offset	<-150	<-140
Harmonics	<-15 dBc	Temperature Ranges (Operating)		
Spurs	<-60 dBc			
Supply Options	+3, +3.3, +5 VDC	Standard	-20°C to +60°C	
Current	≤ 100 mA	Other Available Ranges	-30°C to +70°C	
			-40°C to +85°C	
Package Size	0.6" x 0.6" x 0.15"			
	(15.2 x 15.2 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.

ZLX Series_Product Overview Datasheet, Rev A, 6.14.12

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