

PLXO Series

PRODUCT SERIES OVERVIEW

Surface-Mount, Phase-Locked Crystal Oscillator

5 to 500 MHz

FEATURES

- Fixed-Frequencies to 500 MHz
- Small, Surface-Mount Package (0.9" x 0.9" x 0.25")



Custom Designs Available

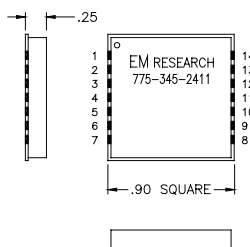


SPECIFICATIONS

Frequency Range	5 to 500 MHz	Phase Noise (dBc/Hz)	120 MHz	400 MHz
Bandwidth	Fixed	1 KHz Offset	<-135	<-121
External Reference	5 to 100 MHz	10 KHz Offset	<-155	<-144
Power Output	up to +10 dBm	100 KHz Offset	<-160	<-146
Harmonics	<-30 dBc	1 MHz Offset	<-160	<-146
Spurs	<-70 dBc			
Supply Options	+5, +8, +12 VDC	Temperature Ranges (Operating)		
Current	≤200 mA	Standard	-20°C to +60°C	
		Other Available Ranges	-30°C to +70°C	
			-40°C to +85°C	
Package Size	0.9" x 0.9" x 0.25"			
	(22.9 x 22.9 x 6.3)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. All dimensions are in inches unless otherwise specified.
 2. Diagrams and pictures shown are examples only.

PLXO Series_SMT_Product Overview Datasheet, Rev A, 8.9.12

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