PLXO Series

PRODUCT SERIES OVERVIEW

Connectorized, Phase-Locked Crystal Oscillator
5 to 500 MHz

FEATURES

- **Fixed-Frequencies to 500 MHz**
- **Small, Connectorized Package (1.5” x 1.5” x 0.6”)**

Designed & Manufactured in the U.S.A.

Custom Designs Available

SPECIFICATIONS

Frequency Range	5 to 500 MHz
Bandwidth	Fixed
External Reference	5 to 100 MHz
Power Output	up to +10 dBm
Harmonics	<-30 dBc
Spurs	<-70 dBc
Supply Options	+5, +8, +12 VDC
Current	≤200 mA
Package Size	1.5” x 1.5” x 0.6”
	(38.1 x 38.1 x 15.2)mm

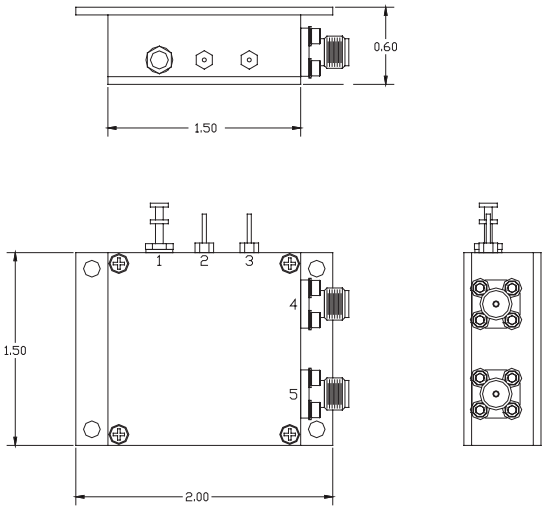
Phase Noise (dBc/Hz)	120 MHz	400 MHz
1 KHz Offset	<-135	<-121
10 KHz Offset	<-155	<-144
100 KHz Offset	<-160	<-146
1 MHz Offset	<-160	<-146

Temperature Ranges (Operating)

Standard	0°C to +50°C
Other Available Ranges	-20°C to +60°C
	-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. All dimensions are in inches unless otherwise specified.
2. Diagrams and pictures shown are examples only.

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