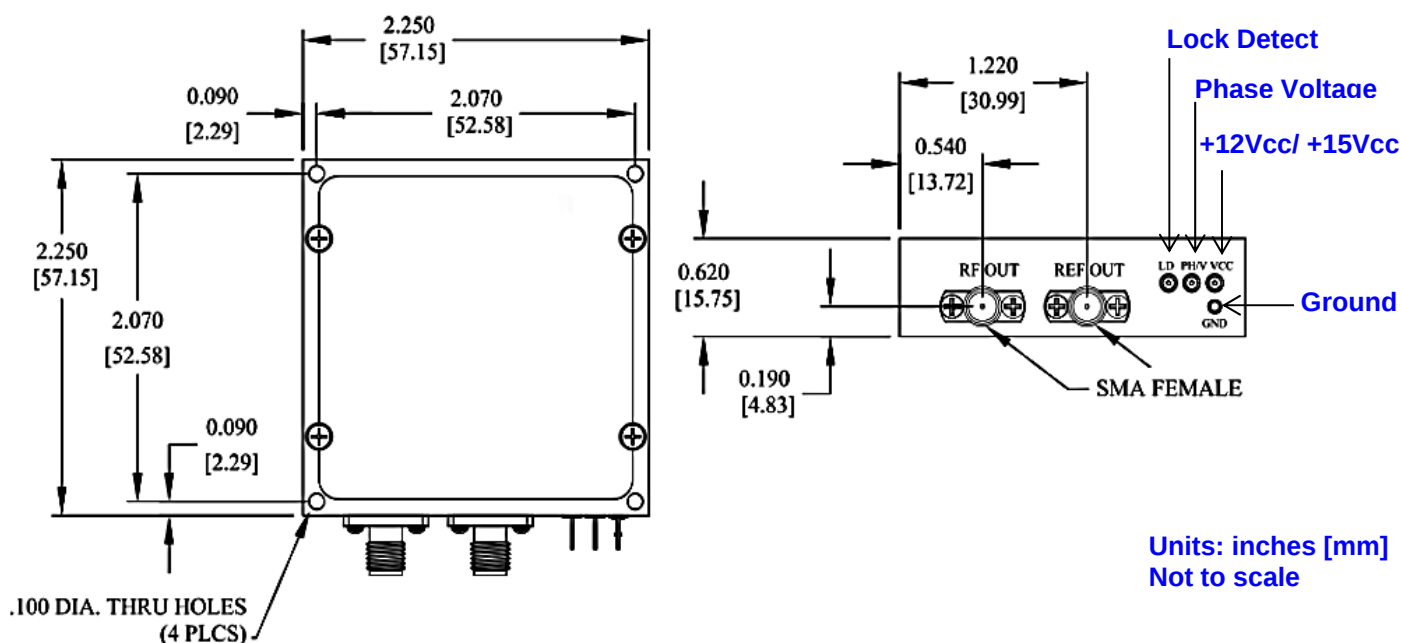


Phase Locked Oscillator, 24-48 GHz +14dBm Output Power, 12-15Volts, External Reference 100 MHz



Order Examples: RPLO-32-14d-15V-Sf-ER100M-s12

Description: (Phase Locked Oscillator, 32GHz, +14dBm Output Power, 15Volts, SMA Female Connectors, External Reference 100MHz)

Specifications	
Frequency Range	24 to 48 GHz
Power Output	+14 dBm
Load VSWR	2.0:1
Spurious	-80 dBc
Harmonics	-25 dBc
Alarm	High Z
Phase Noise	
10 KHz Offset	20 Log N + 3 (N=Output Frequency/Reference Frequency)
100 KHz Offset	-120 dBc/Hz
1 MHz Offset	140 dBc/Hz
Reference Input Frequency	100 MHz
Reference Input Power	0±3 dBm
Frequency Stability	Same as Ext Ref
Voltage	12/15 V
Current	250 mA
Connector	SMA-F or 2.92mm
Operating Temperature	-25 to +70°C
Storage Temperature	-55 to +125°C
Size (inches)	2.25 x 2.25 x 0.62 inches
Finish	Nickel Plated

RPLO-24-48-14d-15V-Sf-ER100M-Family-s12

Specifications may be subject to change

04/25/18

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Phase Locked Oscillator, 24-48 GHz +14dBm Output Power, 12-15Volts, External Reference 100 MHz

Typical Phase noise plot:

