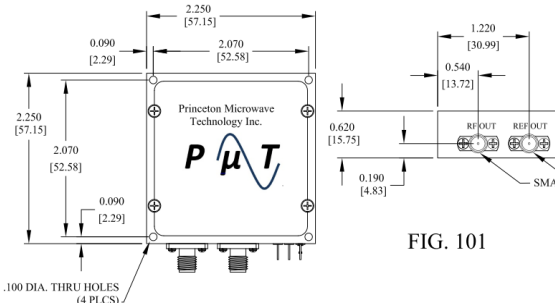


Phase Locked Oscillator External Reference		MODEL: PmT-3210-Frequency (GHz)
Features: ■ Small Size ■ Excellent Phase Noise ■ Low Cost ■ Crystal Frequency Stability ■ Phase Locked Resonator Oscillator ■ SMT Fabrication ■ Low Phase Noise ■ Packaged Active Devices		 FIG. 101
Electrical Specifications		
Model: PmT-3210-Frequency (GHz)		
Parameters	Specifications	
Frequency Range	0.3 to 24 GHz	
Power Output	+14 dBm	
Load VSWR	2.0:1	
Spurious	-80 dBc	
Harmonics	-25 dBc	
Alarm	High Z	
Phase Noise	$20 \log N + 3$ (N=Output Frequency/Reference Frequency)	
10 KHz Offset		
100 KHz Offset		
1 MHz Offset	-120 dBc/Hz 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	
Package Outline	Figure 101	
Connector	SMA-F	
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	