



Phase Locked Oscillator Internal Reference		MODEL: PmT-3220-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. 102
Electrical Specifications		
Model: PmT-3220-Frequency (GHz)		
Parameters	Specifications	
Frequency Range	0.3 to 24 GHz	
Power Output	+14 dBm	
Load VSWR	2.0:1	
Spurious	-70dBc max	
Harmonics	-25 dBc	
Alarm	High Z	
Phase Noise	Reference Dependent	
10 KHz Offset		
100 KHz Offset		
1 MHz Offset	-120 dBc/Hz	
Reference Input Frequency	N/A	
Reference Input Power	N/A	
Frequency Stability	Same as Ext Ref	
Voltage	12/15 V	
Current	300 mA	
Package Outline	Figure 102	
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	