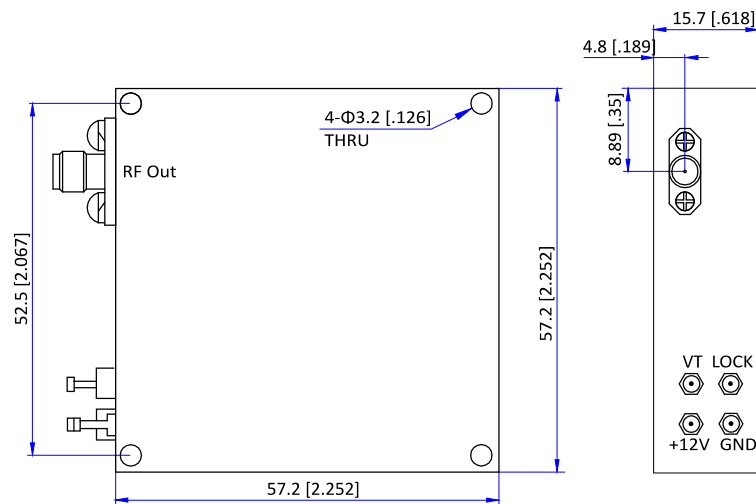


FSPDRO-22000-100I

Frequency Sources, PLDRO, 22GHz, 100MHz Internal Reference

Electrical Specifications			
Output Frequency	22 GHz	Output Phase Noise	-80 dBc/Hz Max. @100Hz
Output Power	+13 to +15 dBm		-102 dBc/Hz Max. @1kHz
Frequency Stability	±0.2 ppm Max.		-112 dBc/Hz Max. @10kHz
Reference Frequency	100 MHz		-114 dBc/Hz Max. @100kHz
Reference Mode	Internal		-128 dBc/Hz Max. @1MHz
Output VSWR	1.50:1 Max.	Harmonic (dBc Min.)	20 (@11GHz, @33GHz, @44GHz)
Supply Voltage	+15 V DC	Spurious	70 dBc Min.
Supply Current	1A Max. (Initial); 550mA Max. (Stable)	Lock indicator	TTL; H: Locked, L: Unlocked
Environmental Specifications			
Operating Temperature	-55°C~+85°C		
Storage Temperature	-65°C~+85°C		
Mechanical Specifications			
RF Connectors	2.92mm-Female (Hermetically Sealed Feedthrough)		
DC/Control Interface	Feedthrough Pins		
Dimensions	57.2×57.2×15.7 mm [2.252x2.252x0.618 in]		

Outline Drawing (Dimension in mm [in], Tolerance: $\pm 0.3\text{mm}$ [± 0.01 in])



Ordering Information:

Model: **FSPDRO-22000-100I**