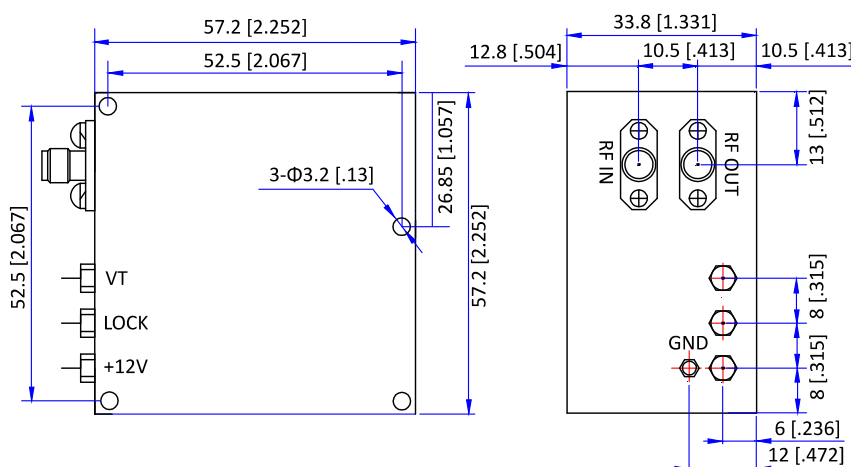


FSPDRO-25000-10E

Frequency Sources, PLDRO, 25GHz, 10MHz External Reference

Electrical Specifications			
Output Frequency	25 GHz	Output Phase Noise	-105 dBc/Hz Max.@1kHz
Output Power	+10 dBm		-115 dBc/Hz Max.@10kHz
Input Power	0 ± 3 dBm		-115 dBc/Hz Max.@100kHz
Reference Frequency	10 MHz		-130 dBc/Hz Max.@1MHz
Reference Mode	External	Spurious	70 dBc Min. @ ± (10MHz to 1GHz)
Reference Phase Noise	-150 dBc/Hz Max.@1kHz	Harmonic	25 dBc Min. (@12.5GHz @37.5GHz)
	-155 dBc/Hz Max.@10kHz	Supply Voltage	+12 ± 1 V DC
Output VSWR	1.80:1 Max.	Supply Current	700 mA Max. (Initial) 450 mA Max. (Stable)
		Lock indicator	TTL; H: Locked, L: Unlocked
Environmental Specifications			
Operating Temperature	-40°C~+75°C		
Storage Temperature	-55°C~+85°C		
Mechanical Specifications			
RF Connectors	SMA-Female		
DC/Control Interface	Feedthrough Pins		
Dimensions	57.2×57.2×33.8 mm [2.25×2.25×1.33 in]		

Outline Drawing (Dimension in mm [in], Tolerance: ±0.3mm [±0.01 in])



Ordering Information:

Model: FSPDRO-25000-10E