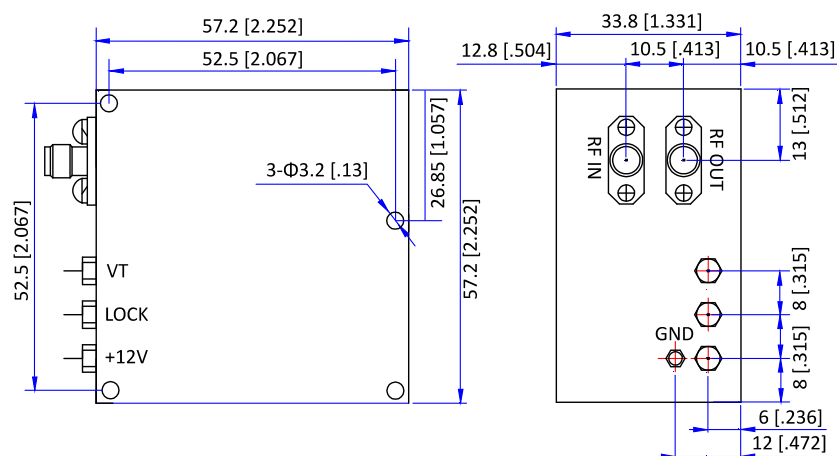


FSPDRO-20000-25E

Frequency Sources, PLDRO, 20GHz, 25MHz External Reference

Electrical Specifications			
Output Frequency	20 GHz	Output Phase Noise	-79 dBc/Hz Max.@100Hz
Output Power	+13 to +15 dBm		-89 dBc/Hz Max.@1kHz
Input Power	10 ± 3 dBm		-99 dBc/Hz Max.@10kHz
Reference Frequency	25 MHz		-109 dBc/Hz Max.@100kHz
Reference Mode	External		-119 dBc/Hz Max.@1MHz
Reference Phase Noise	-115 dBc/Hz Max.@10Hz		
	-140 dBc/Hz Max.@100Hz	Spurious	76 dBc Min. @ ± (10MHz to 2GHz)
	-155 dBc/Hz Max.@1kHz	Harmonic (dBc Min.)	20 (@10GHz @30GHz @40GHz)
	-165 dBc/Hz Max.@10kHz	Supply Voltage	+12 ± 0.5 V DC
	-168 dBc/Hz Max.@100kHz	Supply Current	500 mA Max. (Initial) 450 mA Max. (Stable)
		Lock indicator	TTL; H: Locked, L: Unlocked
Environmental Specifications			
Operating Temperature	-45°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-20000-25E**