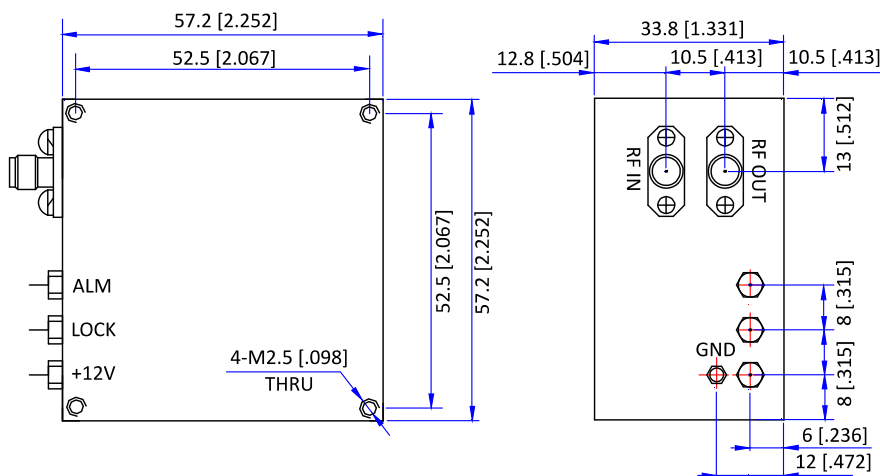


FSPDRO-30000-10E

Frequency Sources, PLDRO, 30GHz, 10MHz External Reference

Electrical Specifications			
Output Frequency	30 GHz	Output Phase Noise	-65 dBc/Hz Max.@100Hz
Output Power	+15 dBm Min.		-95 dBc/Hz Max.@1kHz
Input Power	0 to 5 dBm		-98 dBc/Hz Max.@10kHz
Reference Frequency	10 MHz		-98 dBc/Hz Max.@100kHz
Reference Mode	External		-115 dBc/Hz Max.@1MHz
Reference Phase Noise	-120 dBc/Hz Max.@10Hz	Spurious	68 dBc Min. @ ± (10MHz to 2GHz)
	-140 dBc/Hz Max.@100Hz	Harmonic	45 dBc Min. (@7.5GHz, @15GHz, @22.5GHz, @37.5GHz)
	-155 dBc/Hz Max.@1kHz	Supply Voltage	+12 ± 0.5 V DC
	-165 dBc/Hz Max.@10kHz	Supply Current	750 mA Max. (Initial) 550 mA Max. (Stable)
	-165 dBc/Hz Max.@100kHz	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-30000-10E