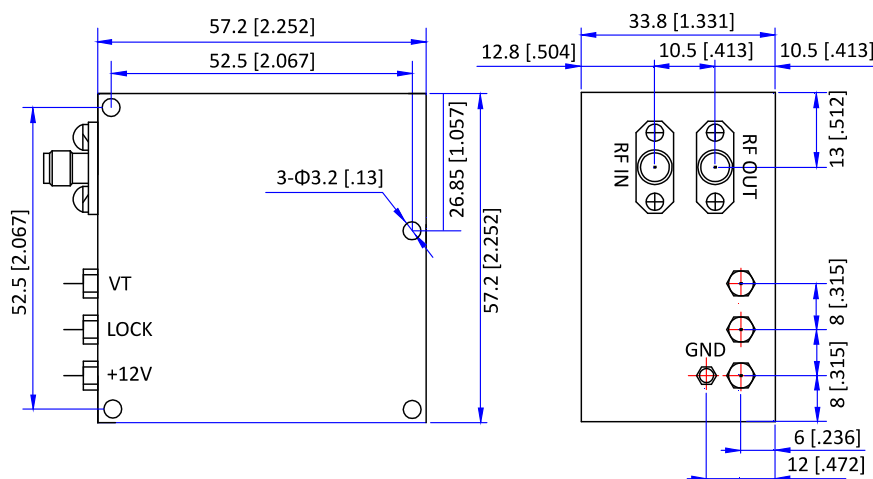


FSPDRO-18750-25E

Frequency Sources, PLDRO, 18.75 GHz, 25MHz External Reference

Electrical Specifications			
Output Frequency	18.75 GHz	Output Phase Noise	-73 dBc/Hz Max.@100Hz
Output Power	+13 to +15 dBm		-83 dBc/Hz Max.@1kHz
Input Power	+4 to +10dBm		-95 dBc/Hz Max.@10kHz
Reference Frequency	25 MHz		-105 dBc/Hz Max.@100kHz
Reference Mode	External		-115 dBc/Hz Max.@1MHz
Reference Phase Noise	-115 dBc/Hz Max.@10Hz		-136 dBc/Hz Max.@≥10MHz
	-140 dBc/Hz Max.@100Hz	Spurious (dBc Min.)	71 @ ± (10MHz to 2GHz)
	-155 dBc/Hz Max.@1kHz	Harmonic	20 dBc Min.
	-165 dBc/Hz Max.@10kHz	Supply Voltage	+12 ± 0.5 V DC
	-168 dBc/Hz Max.@100kHz	Supply Current	450 mA Max.
		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-18750-25E