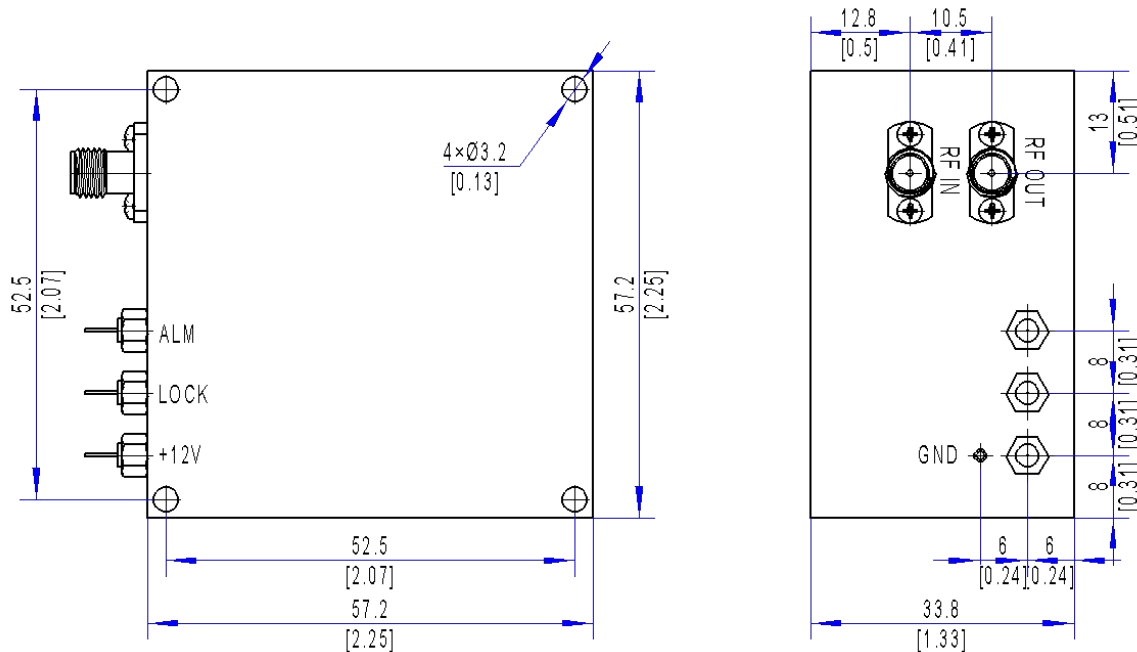


FSPDRO-30-10E

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

Electrical Specifications					
1	Output Freq.	30 GHz	7	Phase Noise	≤-65dBc/Hz@100Hz
2	Output Power	≥15 dBm			≤-95dBc/Hz@1KHz
3	Input Power	0~+5 dBm			≤-98dBc/Hz@10KHz
4	Ref. Freq.	10 MHz			≤-98dBc/Hz@100KHz
5	Ref. Freq. Phase Noise	≤-120dBc/Hz@10Hz	8	Spurious	≤-115dBc/Hz@1MHz
		≤-140dBc/Hz@100Hz			≤-68dBc@±(10MHz to 2GHz)
		≤-155dBc/Hz@1KHz	9	Harmonics	≤-45dBc(@7.5GHz;@15GHz;@22.5 GHz;@37.5GHz)
		≤-165dBc/Hz@10KHz	10	Voltage	+12±0.5 V
		≤-165dBc/Hz@100KHz	11	Current	≤750 mA(Initial);≤550 mA(Stable)
6	Ref. Mode	External	12	Lock indicator	TTL, H: Lock, L: Unlock
Environmental Specifications					
1	Operating Temperature	-40°C~+75°C			
2	Storage Temperature	-55°C~+85°C			
Mechanical Specifications					
1	RF Connectors	SMA-Female			
2	DC Connectors	Filtered Feedthru			
3	Dimensions ¹	57.2*57.2*33.8mm[2.25*2.25*1.33in]			

Outline Drawing (Units: mm/[inch], Tolerance: $\pm 0.3\text{mm}$)



Note 1: Excluding Connector size