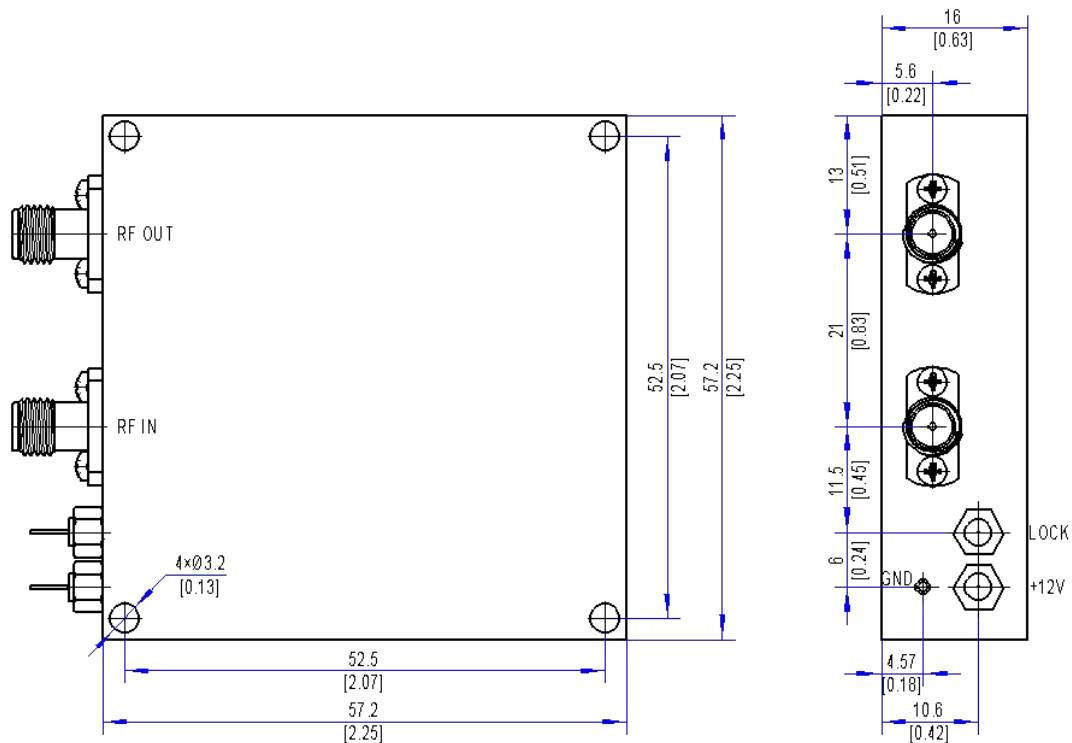


FSPDRO-8.2-100E

Frequency Sources, PLDRO, 8.2 GHz, 100MHz External Reference

Electrical Specifications					
1	Output Freq.	8.2 GHz	7	Phase Noise	-94dBc/Hz@100Hz
2	Output Power	≥15 dBm			-119dBc/Hz@1KHz
3	Input Power	0 ±5 dBm			-125dBc/Hz@10KHz
4	Ref. Freq.	100MHz			-125dBc/Hz@100KHz
5	Ref. Freq. Phase Noise	≤-135dBc/Hz@100Hz			-140dBc/Hz@1MHz
		≤-160dBc/Hz@1KHz	8	Spurious	≤-80dBc
		≤-170dBc/Hz@10KHz	9	Harmonics	≤-40dBc
		≤-170dBc/Hz@100KHz	10	Voltage	+12V
		≤-175dBc/Hz@1MHz	11	Current	≤300mA
6	Ref. Mode	External	12	Lock indicator	TTL, H: Lock, L: Unlock
Environmental Specifications					
1	Operating Temperature	-40°C~+85°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*16mm[2.25*2.25*0.63in]			

Outline Drawing (Units: mm/[inch], Tolerance: ±0.3mm)



Note 1: Excluding Connector size