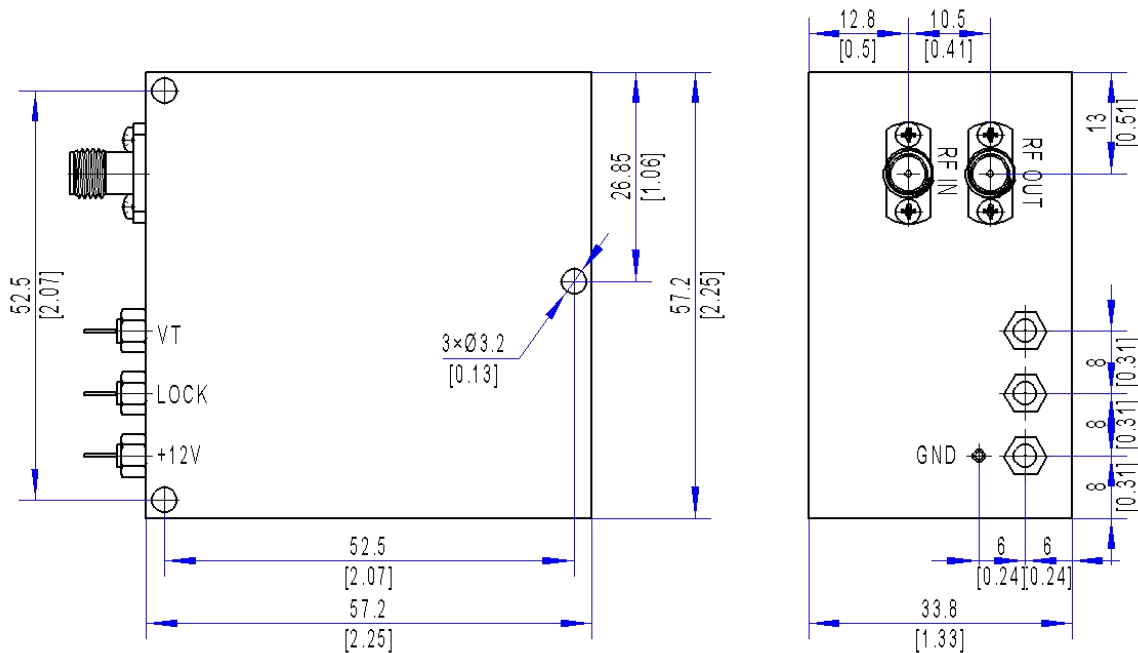


FSPDRO-20-25E

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

Electrical Specifications					
1	Output Freq.	20 GHz	7	Phase Noise	≤-79dBc/Hz@100Hz
2	Output Power	+13~+15 dBm			≤-89dBc/Hz@1KHz
3	Input Power	10±3 dBm			≤-99dBc/Hz@10KHz
4	Ref. Freq.	25 MHz			≤-109dBc/Hz@100KHz
5	Ref. Freq. Phase Noise	≤-115dBc/Hz@10Hz			
		≤-140dBc/Hz@100Hz		≤-129dBc/Hz@≥10MHz	
		≤-155dBc/Hz@1KHz	8	Spurious	≤-76dBc@±(10MHz to 2GHz)
		≤-165dBc/Hz@10KHz	9	Harmonics	≤-20dBc(@10GHz@30GHz@40GHz)
		≤-168dBc/Hz@100KHz	10	Voltage	+12±0.5 V
6	Ref. Mode	External	11	Current	≤500 mA(Initial);≤450 mA(Stable)
7	Phase Noise	≤-49dBc/Hz@10Hz	12	Lock indicator	TTL, H: Lock, L: Unlock
Environmental Specifications					
1	Operating Temperature	-45°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: ±0.3mm)



Note 1: Excluding Connector size