

## PLDRO-18800-13-100-E

18.8 GHz PLDRO , 13 dBm, External reference

### 电气参数 Electrical Characteristics:

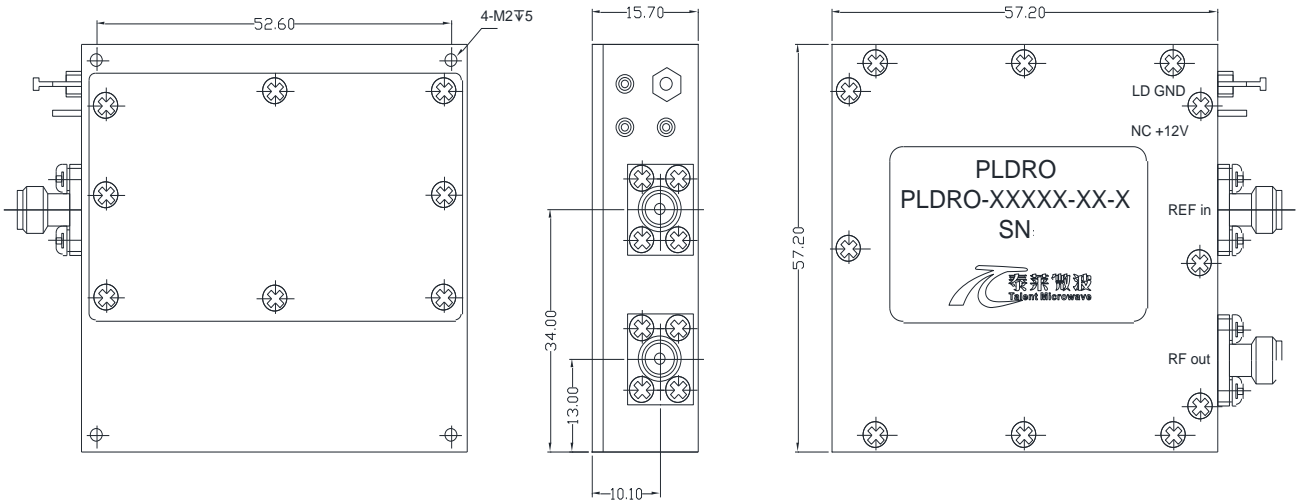
参数Parameter	Min	Typ	Max	指标 Value
输出频率 Output Frequency		18.8		GHz
输出功率 Output Power	13	14.3		dBm
参考信号 Reference		External		
参考频率 Reference Frequency		100		MHz
参考功率Reference Power	+3		+10	dBm
频率稳定度 Frequency stability	Same as input			ppm
相位噪声 Phase noise		-91	-80	dBc/Hz@100Hz
		-109	-104	dBc/Hz@1KHz
		-113	-112	dBc/Hz@10KHz
		-114	-112	dBc/Hz@100KHz
		-135	-135	dBc/Hz@1MHz
		-156	-150	dBc/Hz@10MHz
杂散抑制 Spurious		-75	-70	dBc
1/2 杂散 Spurious		-70	-60	dBc
谐波抑制 Harmonics			-20	dBc
电源电压 DC Voltage		12		V
工作电流 DC Current		270	350	mA
锁相指示 Phase-lock indicator		TTL High		

### 环境和物理特性 Environmental And Physical Characteristics:

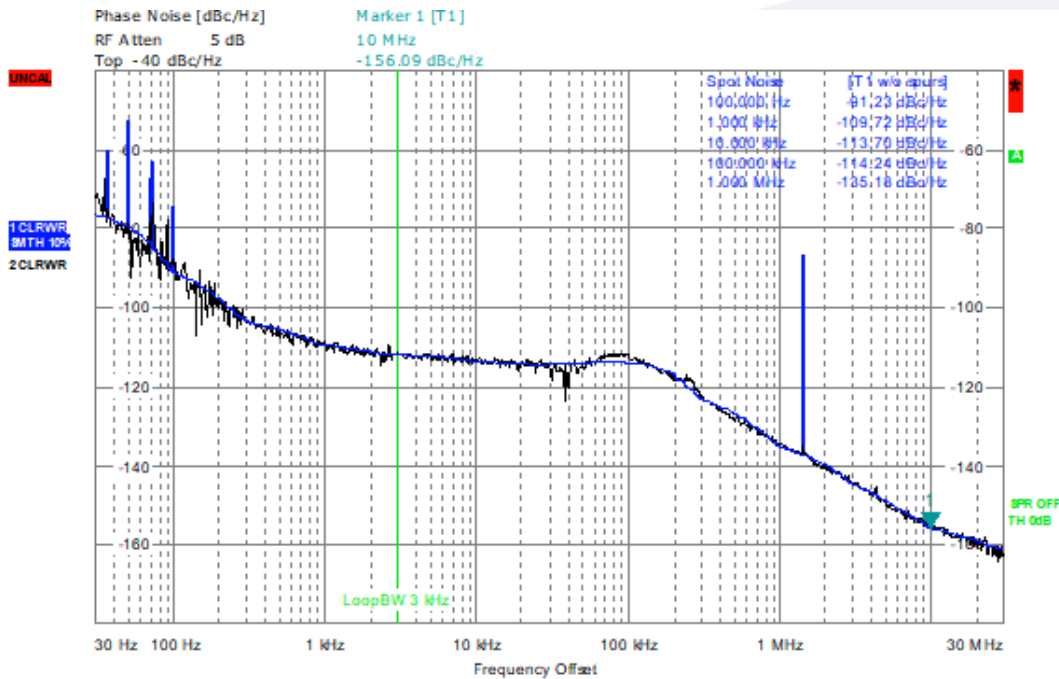
参数Parameter	指标 Value
操作温度 Operating Temperature	-40°C to +70°C
存储温度 Storage temperature	-45°C to +75°C
震动 Vibration(operating)	10G RMS, 20-2000HZ
冲击 Shock(non operating)	50G, 1/2Sine, 12msec
射频接口 Connector Type	SMA Female
直接接口 DC Connector	PIN
重量 Weight	190g Max

**外形尺寸 Outline Drawing:**

Unit: mm



**典型相位噪声曲线 Typical Phase noise Performance Data:**



Measurement A aborted

**订货信息 Ordering Information:**

标准型号 Part Number	描述 Description	版本号 Revision
PLDRO-18800-13-100-E	18.8 GHz PLDRO , 13 dBm, External reference	Rev.1.1