

PLDRO-2500-14-100-E

2.5 GHz PLDRO , 14 dBm, External reference

电气参数 Electrical Characteristics:

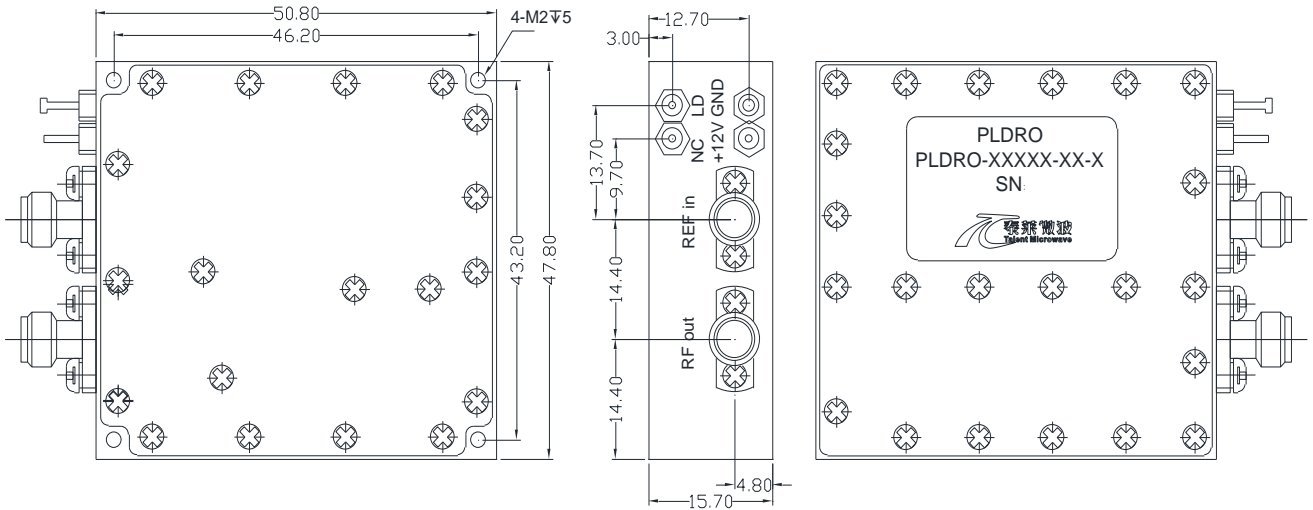
参数Parameter	Min	Typ	Max	指标 Value
输出频率 Output Frequency		2.5		GHz
输出功率 Output Power	14	16.9		dBm
参考信号 Reference		External		
参考频率 Reference Frequency	100			MHz
参考功率Reference Power	+3		+10	dBm
频率稳定度 Frequency stability	Same as input			ppm
相位噪声 Phase noise		-111	-98	dBc/Hz@100Hz
		-134	-122	dBc/Hz@1KHz
		-142	-128	dBc/Hz@10KHz
		-144	-128	dBc/Hz@100KHz
		-144	-140	dBc/Hz@1MHz
杂散抑制 Spurious		-76	-70	dBc
谐波抑制 Harmonics		-29	-20	dBc
电源电压 DC Voltage		12		V
工作电流 DC Current		230	300	mA
锁相指示 Phase-lock indicator	TTL High			

环境和物理特性 Environmental And Physical Characteristics:

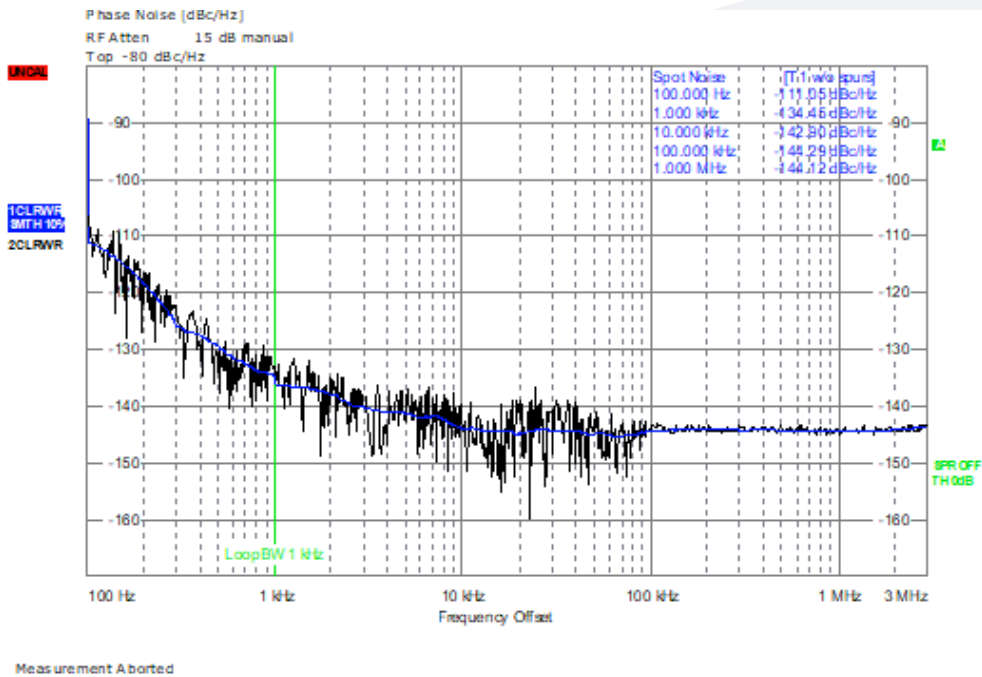
参数Parameter	指标 Value
操作温度 Operating Temperature	-40°C to +70°C
存储温度 Storage temperature	-45°C to +75°C
震动 Vibration(operating)	10G RMS, 20-2000HZ
冲击 Shock(non operating)	50G, 1/2Sine, 12msec
射频接口 Connector Type	SMA Female
直接接口 DC Connector	PIN
重量 Weight	190g Max

外形尺寸 Outline Drawing:

Unit: mm



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



订货信息 Ordering Information:

标准型号 Part Number	描述 Description	版本号 Revision
PLDRO-2500-14-100-E	2.5 GHz PLDRO , 14 dBm, External reference	Rev.1.1