

## PLDRO-5800-13-100-E

5.8GHz PLDRO , 13 dBm, External reference

### 电气参数 Electrical Characteristics:

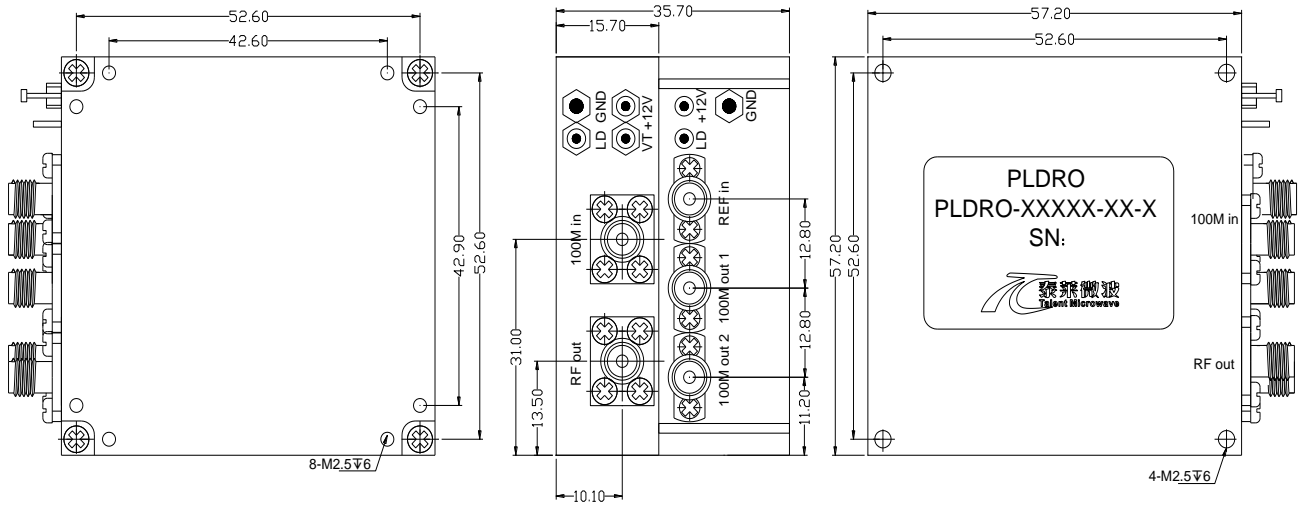
参数Parameter	Min	Typ	Max	指标 Value
输出频率 Output Frequency		5.8		GHz
输出功率 Output Power	13	16.3		dBm
参考信号 Reference	External			
参考频率 Reference Frequency		100		MHz
参考功率Reference Power	+3		+10	dBm
频率稳定度 Frequency stability	Same as input			ppm
相位噪声 Phase noise	-92	-95		dBc/Hz@100Hz
	-116	-117		dBc/Hz@1KHz
	-120	-121		dBc/Hz@10KHz
	-120	-121		dBc/Hz@100KHz
	-140	-140		dBc/Hz@1MHz
杂散抑制 Spurious		-75	-70	dBc
谐波抑制 Harmonics		-25	-20	dBc
电源电压 DC Voltage		12		V
工作电流 DC Current		310	550	mA
锁相指示 Phase-lock indicator		TTL High		

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

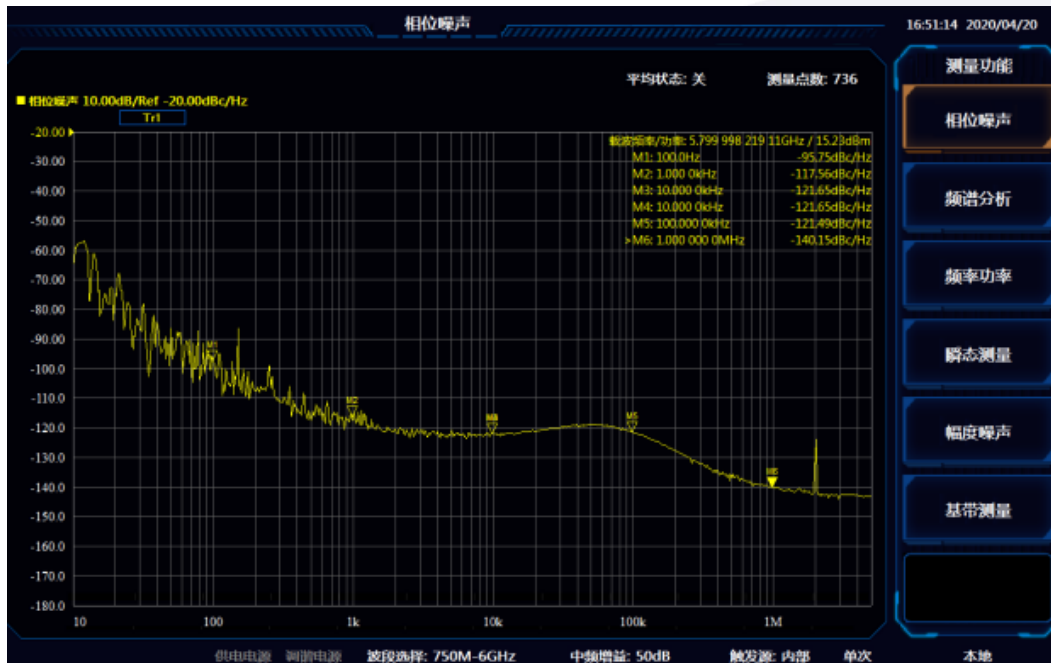
参数Parameter	指标 Value
操作温度 OperatingTemperature	-40°C to +70°C
存储温度 Storage temperature	-45°C to +75°C
震动 Vibration(operating)	10G RMS, 20-2000HZ
冲击 Shock(non operating)	50G, 1/2Sine, 12msec
射频接口Connector Type	SMA Female
直接接口 DC Connector	PIN
重量 Weight	190g Max

**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-5800-13-100-E	5.8GHz PLDRO , 13 dBm, External reference	Rev.1.1