

PLDRO-1100-13-100-E

1.1 GHz PLDRO , 13 dBm, External reference

电气参数 Electrical Characteristics:

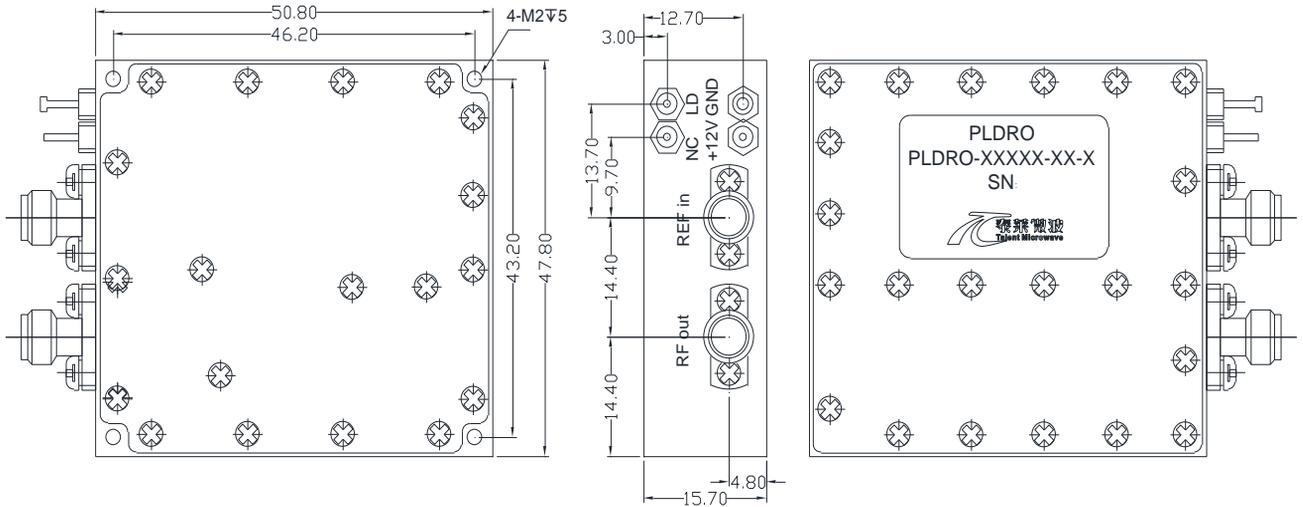
| 参数Parameter | Min | Typ | Max | 指标 Value |
|---------------------------|---------------|------|------|---------------|
| 输出频率 Output Frequency | | 0.9 | | GHz |
| 输出功率 Output Power | 13 | 17.9 | | dBm |
| 参考信号 Reference | External | | | |
| 参考频率 Reference Frequency | | 100 | | MHz |
| 参考功率Reference Power | +3 | | +10 | dBm |
| 频率稳定度 Frequency stability | Same as input | | | ppm |
| 相位噪声 Phase noise | | -116 | -107 | dBc/Hz@100Hz |
| | | -132 | -132 | dBc/Hz@1KHz |
| | | -140 | -134 | dBc/Hz@10KHz |
| | | -145 | -134 | dBc/Hz@100KHz |
| | | -147 | -140 | dBc/Hz@1MHz |
| 杂散抑制 Spurious | | -75 | -70 | dBc |
| 谐波抑制 Harmonics | | -28 | -20 | dBc |
| 电源电压 DC Voltage | | 12 | | V |
| 工作电流 DC Current | | 220 | 350 | mA |
| 锁相指示 Phase-lock indicator | TTL High | | | |

环境和物理特性 Environmental And Physical Characteristics:

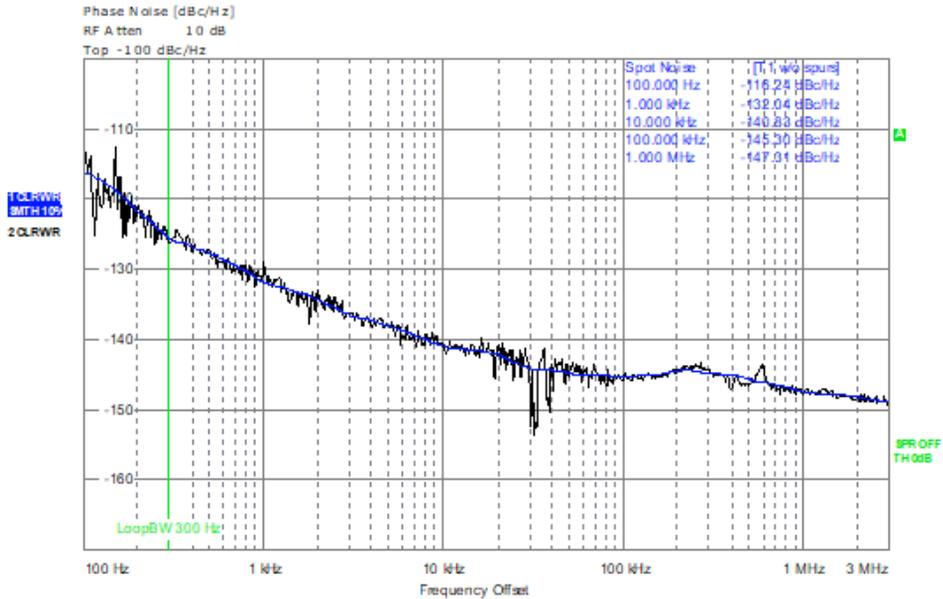
| 参数Parameter | 指标 Value |
|----------------------------|----------------------|
| 操作温度 Operating Temperature | -40°C to +70°C |
| 存储温度 Storage temperature | -45°C to +75°C |
| 震动 Vibration(operating) | 10G RMS, 20-2000HZ |
| 冲击 Shock(non operating) | 50G, 1/2Sine, 12msec |
| 射频接口 Connector Type | SMA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

外形尺寸 Outline Drawing:

Unit: mm



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



Measurement Aborted

订货信息 Ordering Information:

| 标准型号 Part Number | 描述 Description | 版本号 Revision |
|------------------|----------------|--------------|
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