

## PLDRO-14800-18-INT

14.8 GHz PLDRO, 18 dBm, External reference

### 电气参数 Electrical Characteristics:

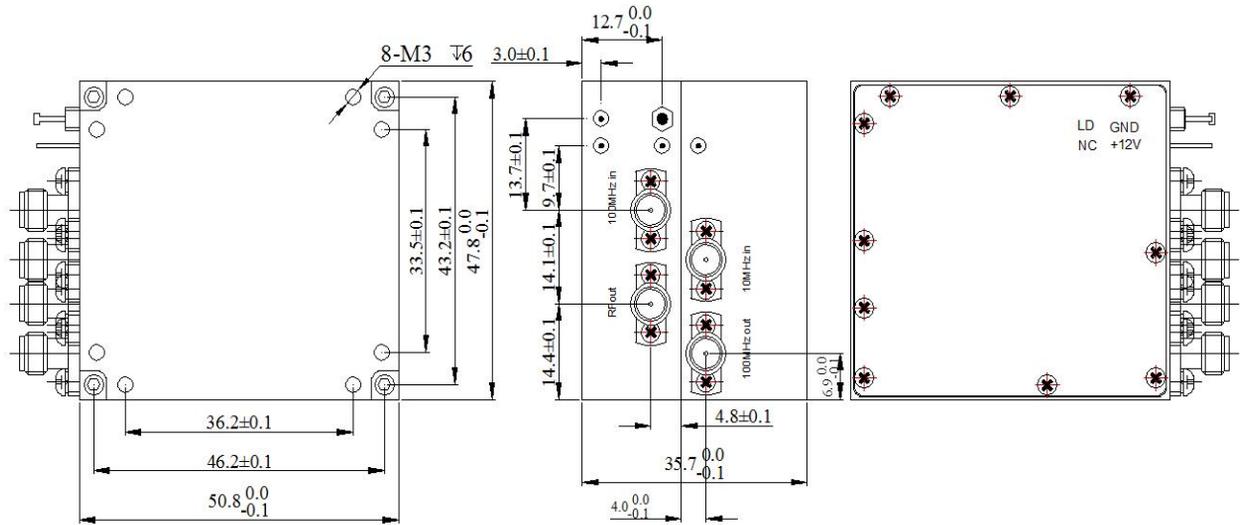
| 参数Parameter               | Min           | Typ | Max  | 指标 Value      |
|---------------------------|---------------|-----|------|---------------|
| 输出频率 Output Frequency     | 14.8          |     |      | GHz           |
| 输出功率 Output Power         | 18            |     |      | dBm           |
| 参考信号 Reference            | External      |     |      |               |
| 参考频率 Reference Frequency  |               | 10  |      | MHz           |
| 参考功率 Reference Power      | 0             |     | 10   | dBm           |
| 频率稳定度 Frequency stability | Same as input |     |      | ppm           |
| 相位噪声 Phase noise          |               |     | -80  | dBc/Hz@100Hz  |
|                           |               |     | -106 | dBc/Hz@1KHz   |
|                           |               |     | -115 | dBc/Hz@10KHz  |
|                           |               |     | -115 | dBc/Hz@100KHz |
|                           |               |     | -140 | dBc/Hz@1MHz   |
| 杂散抑制 Spurious             |               |     | -70  | dBc           |
| 谐波抑制 Harmonics            |               |     | -20  | dBc           |
| 电源电压 DC Voltage           |               |     | 12   | V             |
| 工作电流 DC Current           |               |     | 650  | mA            |
| 锁相指示 Phase-lock indicator | TTL High      |     |      |               |

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

| 参数Parameter                | 参数Parameter          |
|----------------------------|----------------------|
| 操作温度 Operating Temperature | -40°C to +70°C       |
| 存储温度 Storage temperature   | -55°C to +85°C       |
| 震动 Vibration(operating)    | 10G RMS, 20-2000HZ   |
| 冲击 Shock(non operating)    | 50G, 1/2Sine, 12msec |

射频接口

外形尺寸 Outline Drawing: Unit: mm



订货信息 Ordering Information:

| 标准型号 Part Number   | 描述 Description                              | 版本号 Revision |
|--------------------|---|--------------|
| PLDRO-14800-18-INT | 14.8 GHz PLDRO , 18 dBm, External reference | Rev.1.1      |