

TURAM-040060041619

U-Band Active Multiplier
X4, 40-60 GHz, +15 dBm Output Power

Feature:

- Output Frequency:40-60 GHz
- Output Power : 15dBm Typ
- Low power consumption

电气特性 Electrical Specifications:

| 参数Parameter | Min | Typ | Max | 单位Units |
|---------------------------|-----|-----|-----|---------|
| 输出频率 Output Frequency | 40 | | 60 | GHz |
| 输出功率 Output Power | | 15 | | dBm |
| 输入频率 Input Frequency | 10 | | 15 | GHz |
| 输入功率 Input Power | 3 | 5 | 7 | dBm |
| 谐波抑制 Harmonic Suppression | | -20 | | dBc |
| 倍频次数 Multiply Factor | | 4 | | |
| 供电电压 DC Voltage | | 12 | | V |
| 供电电流 DC Supply Current | | 250 | | mA |

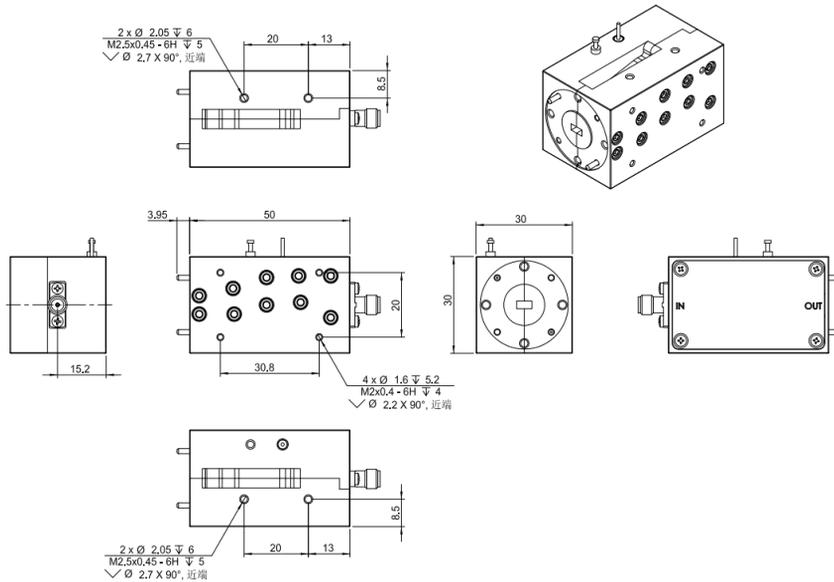
机械特性 Mechanical Specifications:

| 参数 Parameter | 指标 Value | 单位 Units |
|-----------------------|----------------|----------|
| 输出接口 Output Connector | WR-19/UG-383/U | |
| 输入接口 Input Connector | SMA Female | |
| 直流偏置 Bias | Solder Pin | |
| 尺寸 Size | 50*30*30 | mm |

绝对最大值 Absolute Maximum Ratings:

| 参数 Parameter | 指标 Value |
|------------------------------|----------------------|
| 供电偏置电压 Supply Bias Voltage | +15 V |
| 输入功率 RF Input Power | +10 dbm |
| ESD灵敏度 ESD sensitivity (HBm) | Class 0, passed 150V |

Unit: mm



温度环境 Environmental Conditions:

| 参数 Parameter | Min | Typ | Max | 单位 Units |
|------------------------------------|---|--------|-----|----------|
| 操作温度 Operating Temperature | -10 | | +65 | °C |
| 存储温度 Non-operating Temperature | -25 | | +75 | °C |
| 相对湿度 Relative humidity | | 95 | | % |
| 海拔 Altitude | | 50,000 | | feet |
| 震动 Shock / Vibration(MIL-STD-810F) | 25g rms (15 degree 2KHz) endurance, 1 hour per axis | | | |
| 冲击 Shock(non operating) | 20G for 11msc half sin wave,3 axis both directions | | | |

订货信息 Ordering Information:

| 标准型号 Part Number | 描述 Description | 版本号 Revision |
|--------------------|---|--------------|
| TURAM-040060041619 | Active Multiplier,X4,40-60GHz, Output Power:15dBm,WR-19/UG-383/U,SMA Female | Rev.1.1 |