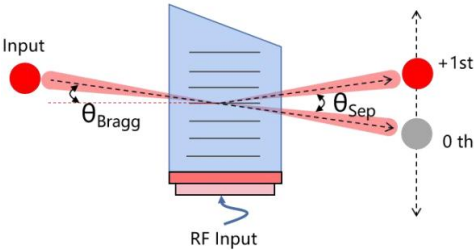


A0 Device Driver Specifications  
声光器件驱动器产品规格书  
RB1004-148\_50-24-004-CT



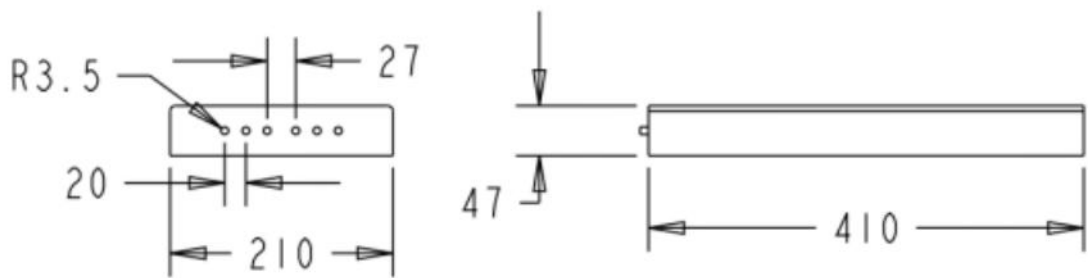
1. SPECIFICATIONS (规格)

|                                         |              |
|-----------------------------------------|--------------|
| Center frequency (Fc) (中心频率)            | 148MHz       |
| RF bandwidth (RB) (1dB射频带宽)             | 50MHz        |
| Frequency stability (频率稳定度)             | +/-2.5ppm/°C |
| Power out (输出功率, 单通)                    | 4W           |
| Channels (通道数)                          | 1            |
| Load VSWR (负载驻波比)                       | <2.5: 1      |
| Second and multiple harmonics (二次及多次谐波) | ≤-25dBc      |
| RF Amplitude rise/fall time (RF上升/下降时间) | <50ns        |
| Sweep steplength (扫频步长)                 | >1000Hz      |
| Sweep inteerval (扫频间隔)                  | <10ns        |
| DC Power Input (直流电源输入)                 | +24Vdc       |
| Temperature Range (温度范围)                | 0-50°C环境温度   |
| Input Impedance (输入阻抗)                  | 50 Ω Nominal |

2. ORDERING CODES (编码规则)

|         | C/F |     | bandwidth |    | Supply voltage | PWR |     | IC/work mode |               |
|---------|-----|-----|-----------|----|----------------|-----|-----|--------------|---------------|
| RB2001  | —   | XXX | —         | XX | —              | XX  | —   | XX           |               |
| 160 MHz | 160 | 60  | 60MHz     | 12 | 12 V           | 015 | 15W | SA           | 散热片冷却, A05模式; |
| 170 MHz | 170 | 80  | 80MHz     | 24 | 24 V           | 020 | 20W | CF           | 传导冷却, FPS模式;  |

3. DIMENSIONS (外形尺寸-mm)



4. SUGGESTED A0 Device (建议声光器件型号)

5. REVISION (版本)

| Number<br>(版本号) | Revisions date<br>(修订日期) | Revision<br>(修改项目) | Revision description<br>(修订内容说明) |
|-----------------|--------------------------|--------------------|----------------------------------|
| A               | 2023. 3. 14              | New                | /                                |

**Quality Assured:** In house made, high damage threshold, Vacuum bonding, 100% Diffraction efficiency test & burn-in test.