

A0 Device Driver Specifications  
声光器件驱动器产品规格书  
RB1014-110\_10-24-002-CT



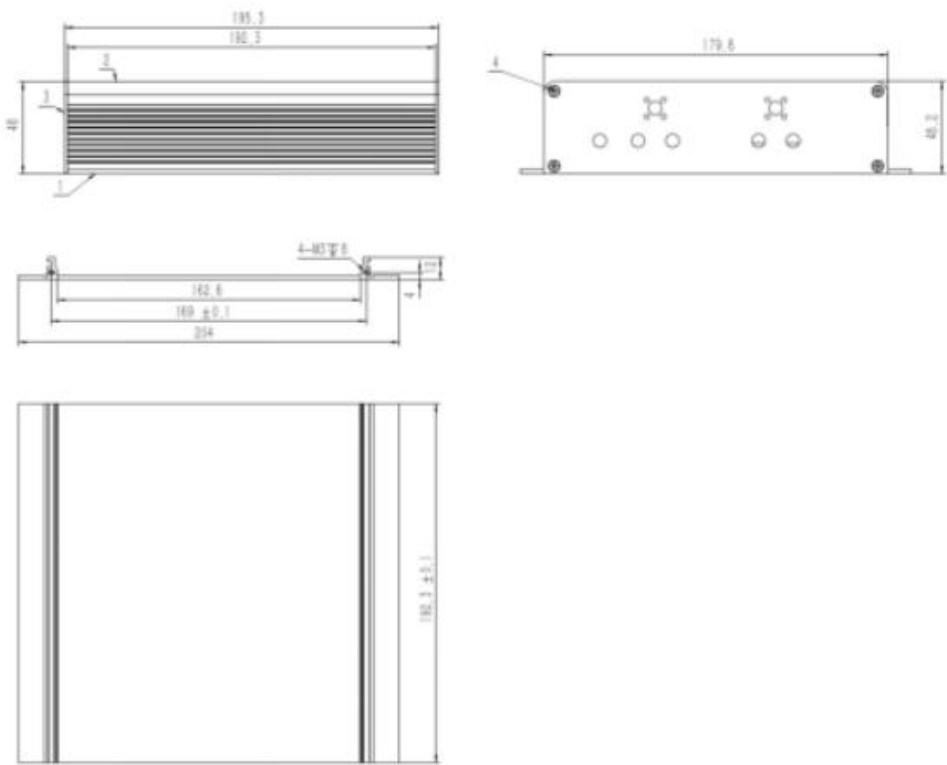
1. SPECIFICATIONS (规格)

|                                         |            |
|-----------------------------------------|------------|
| Center frequency (Fc) (中心频率)            | 110MHz     |
| RF bandwidth (RB) (射频带宽)                | 10MHz      |
| Frequency stability (频率稳定度)             | +/-1ppm/°C |
| Power out (输出功率)                        | 2W         |
| Channels (通道数)                          | 1          |
| VSWR (驻波比)                              | <1.3: 1    |
| Linearity (线性度)                         | 1.1/1      |
| Extinction ratio (消光比)                  | 40dB       |
| Second and multiple harmonics (二次及多次谐波) | <-30dBc    |
| Output Impedance (输出阻抗)                 | 50 Ω       |
| RF Output (射频输出口)                       | SMA-f      |
| DC Power Input (直流电源输入)                 | +24Vdc     |
| Temperature Range (温度范围)                | 0-50°C环境温度 |

2. ORDERING CODES (编码规则)

|         | C/F |     | bandwidth |       | Supply voltage |      | PWR |      | IC/work mode |               |
|---------|-----|-----|-----------|-------|----------------|------|-----|------|--------------|---------------|
| RB1001  | —   | XXX | —         | XX    | —              | XX   | —   | XXX  | —            | XX            |
| 160 MHz | 160 |     | 60        | 60MHz | 12             | 12 V | 015 | 15 W | SA           | 散热片冷却, A05模式; |
| 170 MHz | 170 |     | 80        | 80MHz | 24             | 24 V | 020 | 20 W | 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. 12. 21             | New                | /                                |

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