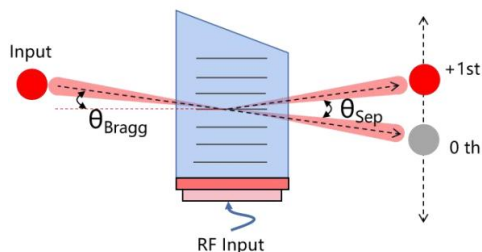


## A0 Device Driver Specifications 声光器件驱动器产品规格书 RB1005-240\_10-24-003-CT



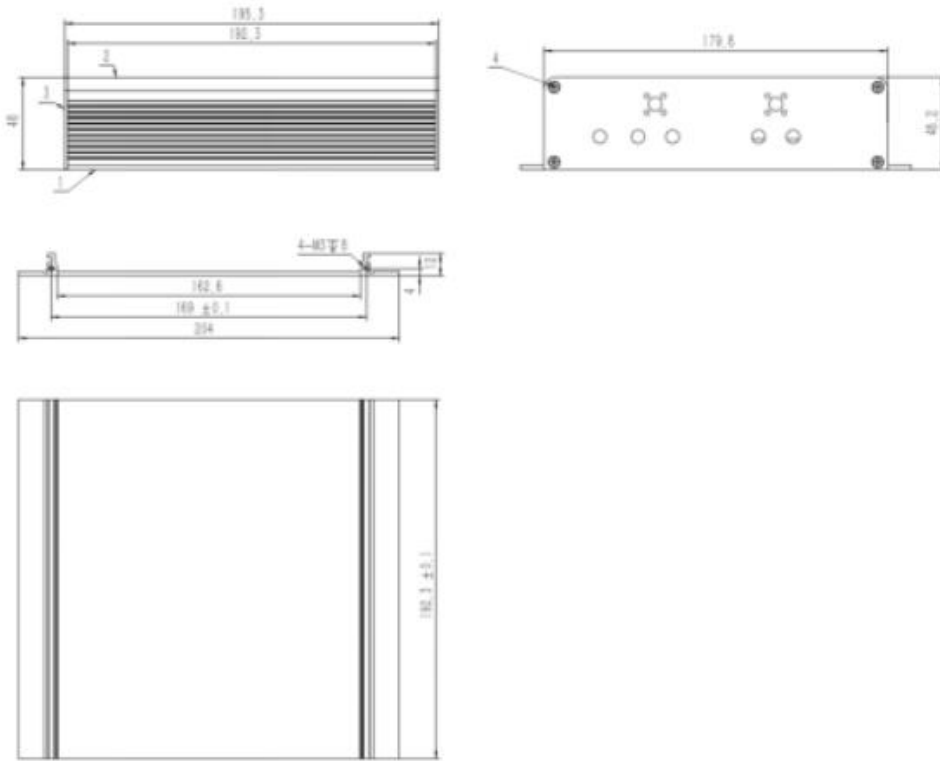
### 1. SPECIFICATIONS (规格)

Center frequency (Fc) (中心频率)	240MHz
RF bandwidth (RB) (1dB射频带宽)	10MHz
Frequency stability (频率稳定度)	+/-0.1ppm/°C
Power out (输出功率, 单通)	3W
Channels (通道数)	1
Load VSWR (负载驻波比)	<1.5: 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)	<10ns
Sweep steplength (扫频步长)	1kHz
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)	50Ω Nominal

### 2. ORDERING CODES (编码规则)

RB2001	C/F	bandwidth	Supply voltage	PWR	IC/work mode
—	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 (版本号)	Revisions date (修订日期)	Revision (修改项目)	Revision description (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.