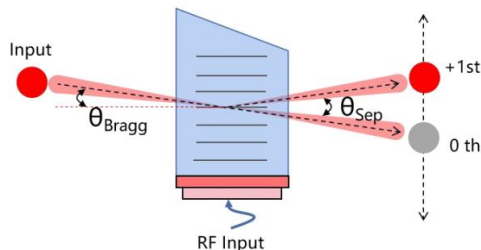


A0 Device Driver Specifications 声光器件驱动器产品规格书 RB2002-080_80-24-004-CT



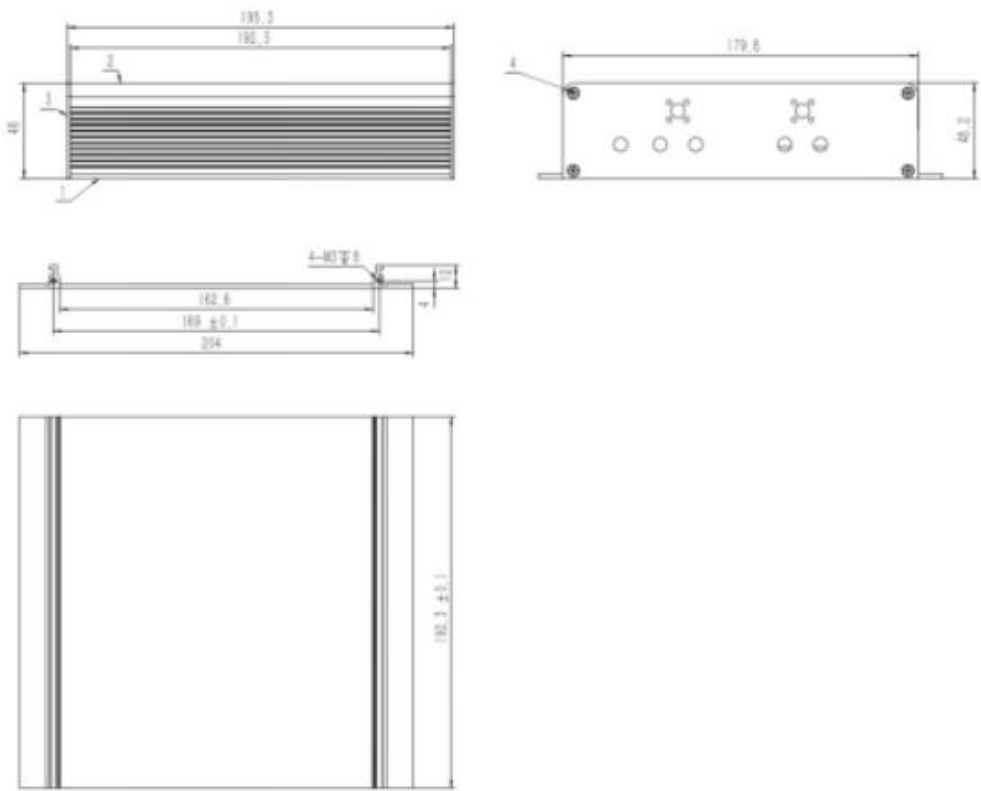
1. SPECIFICATIONS (规格)

Center frequency (Fc) (中心频率)	80MHz
RF bandwidth (RB) (dB射频带宽)	80MHz
Frequency stability (频率稳定度)	+/-0.1ppm/°C
Power out (输出功率)	4W
Channels (通道数)	2
VSWR (驻波比)	<1.5: 1
Linearity (线性度)	1.1/1
Extinction ratio (消光比)	45-50dB
Rise time (上升时间) (10%-90%)	<20ns
Fall time (下降时间) (90%-10%)	<20ns
Trigger frequency (触发频率)	DC-1000kHz
Trigger delay (触发延迟)	50±10ns
Second and multiple harmonics (二次及多次谐波)	-20dBc
Sweep steplength (扫频步长)	±100Hz
Output Impedance (输出阻抗)	50 Ω
Connection (接口)	输入DC-M 输出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)

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

DF1012-TL080_0400-020-780

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.