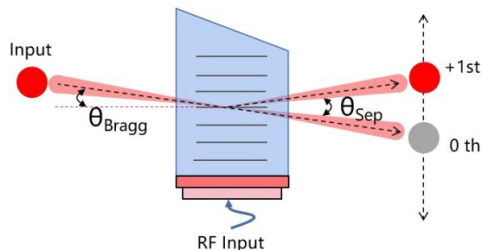


RF Driver Specifications 射频驱动器产品规格书 RD1018-041-24-050-SZ



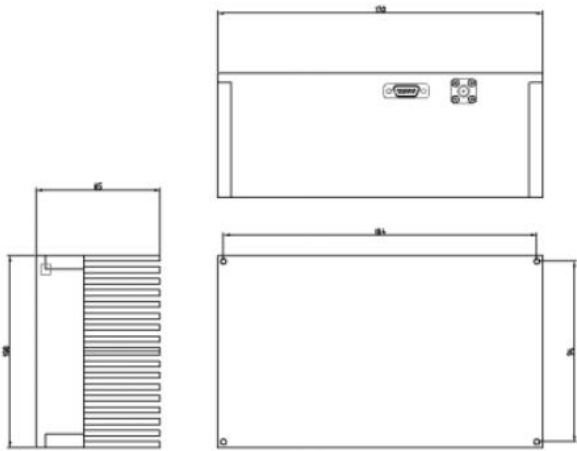
1. SPECIFICATIONS (规格)

RF frequency (射频频率) (单点)	40.68 MHz
Frequency stability (频率稳定度)	+/-40ppm/°C
Output power (输出功率)	50W
VSWR (输出驻波比)	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%)	80-100ns
Fall time (下降时间) (90%-10%)	80-100ns
Trigger frequency (触发频率)	100KHz
Trigger delay (触发延迟)	110ns
Second and multiple harmonics (二次及多次谐波)	-20dBc
Output Impedance (输出阻抗)	50 Ω
DC Power Input (直流电源输入)	+24VDC
Cooling (散热方式)	Fin-cooled (散热片冷却)
Temperature Range (温度范围)	10-50°C 环境温度

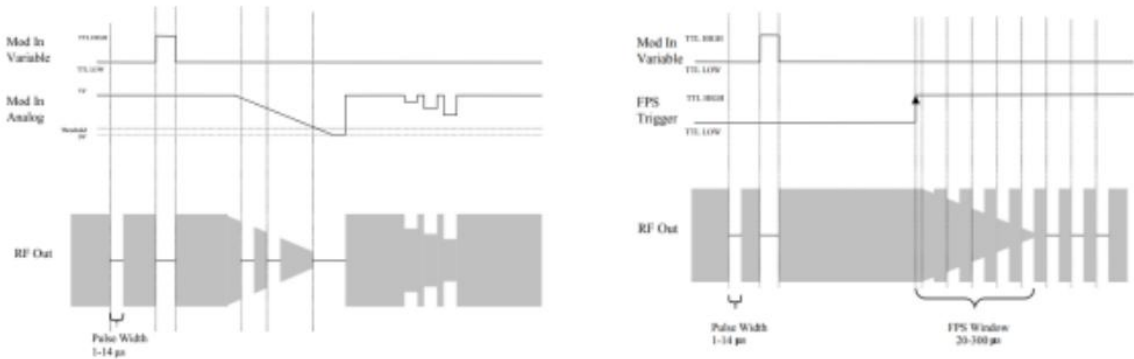
2. ORDERING CODES (编码规则)

	C/F		Supply voltage		PWR		IC/work mode	
RD1001—	XXX	—	XXX	—	XXX	—	XX	
27.12 MHz	027		024	24 V	050	50 W	SA	散热片冷却, A05模式;
40.68 MHz	041		048	48 V	100	100 W	CF	传导冷却, FPS模式;

3. DIMENSIONS (外形尺寸-mm)



4. Control Logic (控制逻辑)



5. SUGGESTED A0 Device (建议声光器件型号)

6. 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. 2. 27	New	/

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