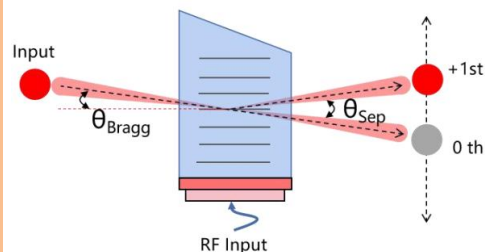


RF Driver Specifications 射频驱动器产品规格书 RD1025-250-24-003-CA



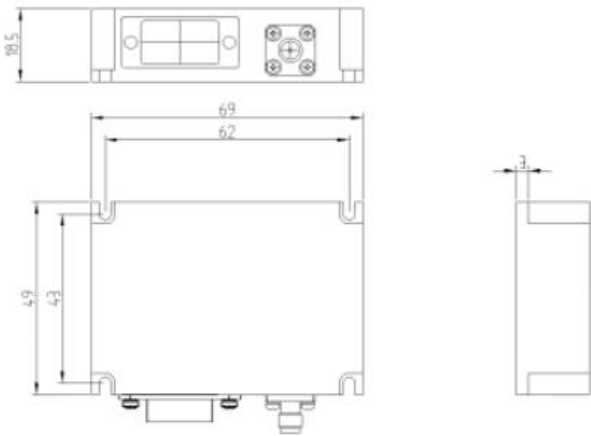
1. SPECIFICATIONS (规格)

RF frequency (射频频率) (单点)	250 MHz
Frequency stability (频率稳定度)	+/-40ppm/°C
Output power (输出功率)	3 W
VSWR (输出驻波比)	1.2/1
Linearity (线性度)	1.1/1
Extinction ratio (消光比)	45-50dB
Rise time (上升时间) (10%-90%)	20-50ns
Fall time (下降时间) (90%-10%)	20-50ns
Trigger frequency (触发频率)	DC-100MHz
Trigger delay (触发延迟)	50ns
Second and multiple harmonics (二次及多次谐波)	-25dBc
Output Impedance (输出阻抗)	50 Ω
DC Power Input (直流电源输入)	+24VDC
Cooling (散热方式)	Conduction cooling (传导冷却)
Temperature Range (温度范围)	10-50°C 环境温度

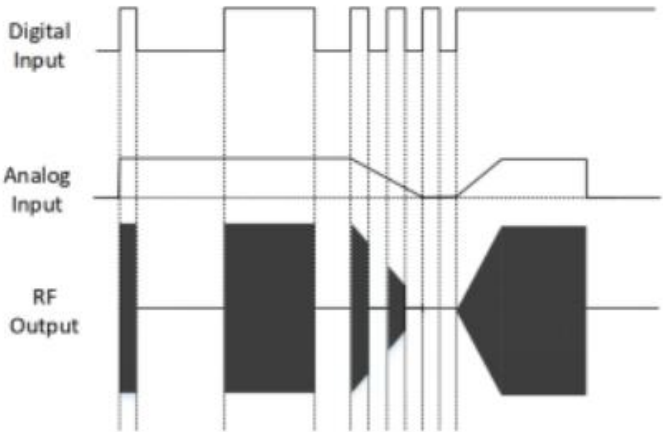
2. ORDERING CODES (编码规则)

	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.