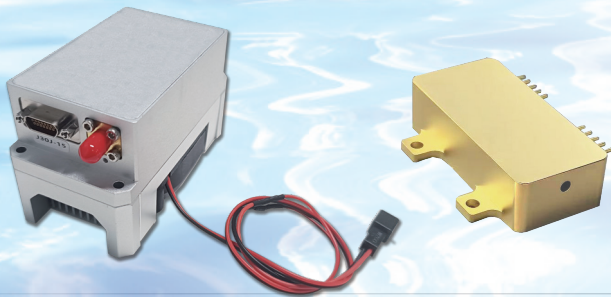




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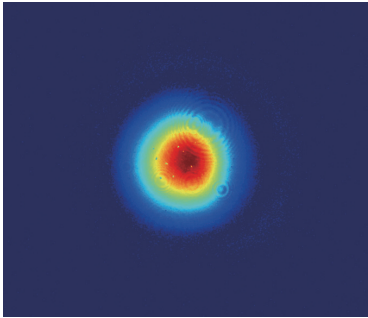


MiniQP-M系列 微型窄脉宽激光器

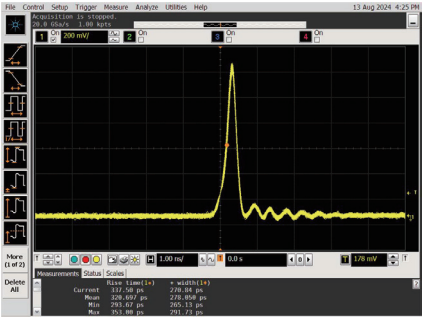
- ◆ Compact and Robust
- ◆ Pulse Width: 800ps to 900ps
- ◆ Pulse Energy up to 100μJ
- ◆ Repetition Rate up to 20kHz

Technical Parameters 技术参数

Specifications 产品参数		MiniQP-M系列							
Wavelength (nm)		1064				532			
波长									
Repetition Rate (kHz)		1	2.5	10	20	1	2.5	10	20
重复频率									
Pulse Energy (μJ)		100	80	40	30	50	40	20	15
单脉冲能量									
Average Power (mW)		100	200	400	600	50	100	200	300
平均功率									
Pulse Width (ps)		800		900		700		800	
脉冲宽度									
Beam Quality (M ²)		<1.3							
光束质量									
Energy Stability (rms,8h)		<3%				<5%			
能量稳定性									
Beam Divergence (typ., mrad)	Horizontal @1/e ²	8		12		6		10	
光束发散角 水平/竖直	Vertical @1/e ²	8		12		6		10	
Polarization		Linear >100:1							
偏振特性									
Cooling		Air cooled							
冷却方式									
Power Supply		100-240 VAC, 50/60Hz							
电源输入									
Control Interface		RS232							
控制接口									
Trigger Input		TTL 0-5V							
触发输入									
Power Consumption (W)		<20							
系统功耗									
Power Dimensions (W×H×L,mm)		125x60x141							
电源尺寸									
Laser Head Dimensions (W×H×L,mm)		50x30x94							
激光头尺寸									
Operation Temperature (°C)		15-35							
工作温度									
Storage Temperature (°C)		0-60							
存储温度									



Beam Profile
光斑形貌

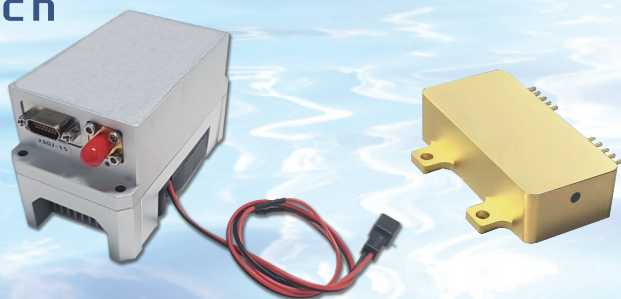


Typical Pulse
典型脉宽



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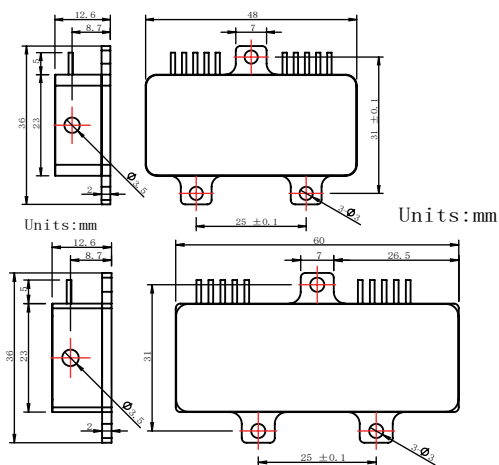
Theotech Co., Ltd.



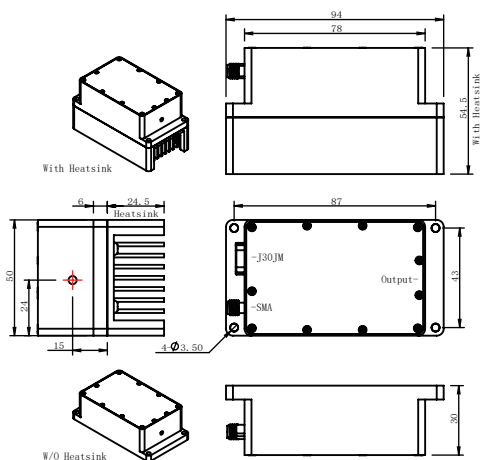
MiniQP-M系列 微型窄脉宽激光器

- ◆ Compact and Robust
- ◆ Pulse Width: 800ps to 900ps
- ◆ Pulse Energy up to 100μJ
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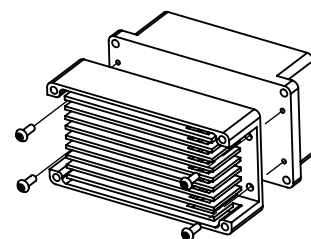
Mechanical Drawings (in mm) 机械尺寸(单位: mm)



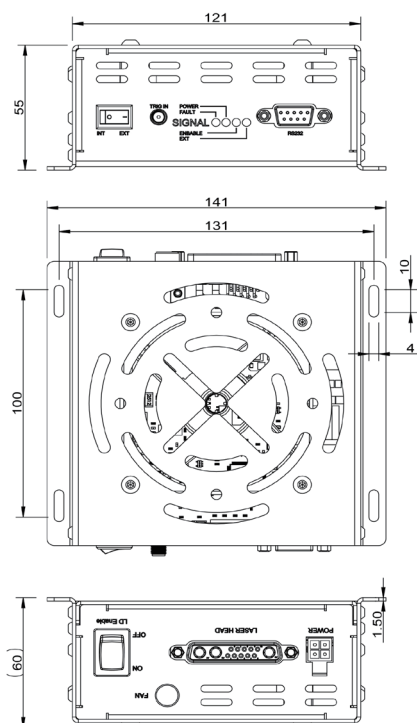
Module Dimensions
模组尺寸图



Laser Head (W/, W/O Heatsink)
激光头



Heatsink Installation and Removal



Driving Source
驱动源



Units:mm