



Theotech

Theotech Co., Ltd.

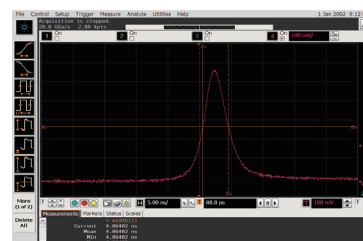


1535nm Eye-safe laser

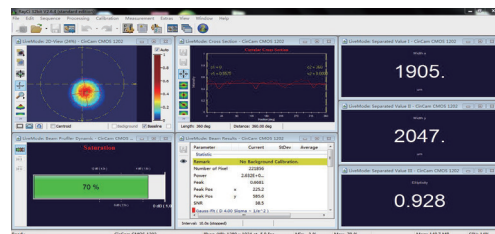
1535nm 人眼安全激光器

Technical Parameters 技术参数

Specifications 产品参数	T1535-100	T1535-200	T1535-300	T1535-500	T1535-1000
Wavelength (nm) 波长	1535				
Repetition Rate (Hz) 重复频率	10				5
Pulse Energy (μJ) 单脉冲能量	> 100	> 200	> 300	> 500	> 1000
Pulse Width (ns) 脉冲宽度	< 4			< 5	< 10
Pump Pulse Width (room temperature, ms) 泵浦脉宽 (常温)	< 1.5			< 2	
Pump Pulse Width (High/low temperature, ms) 泵浦脉宽 (高低温)	< 2.5			< 3	
Energy Stability (rms,8h) 能量稳定性	< 3%				
Operating Current (A) 工作电流	8	10	12	20	40
Operating Voltage (V) 工作电压	2.2				
Beam Full Divergence (typ., mrad) 全角发散角	< 12	< 12	< 10	< 10	< 8
Beam Profile 光束模式	TEM00				
Beam Quality, M² 光束质量M²因子	< 1.3				
Weight (g) 重量	< 8			< 10	
Dimensions (mm) 尺寸	23×8×7			28×8×7	35×8×7
Operation Temperature (°C) 工作温度	-40~70			-40~65	
Storage Temperature (°C) 存储温度	-50~90				

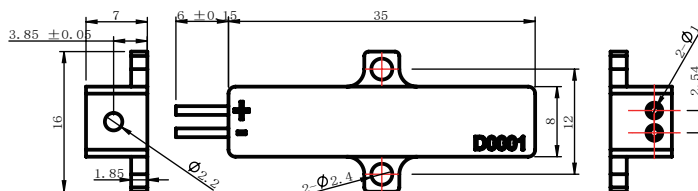
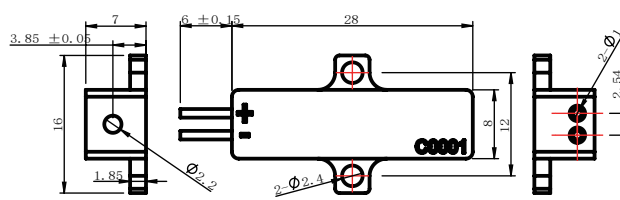
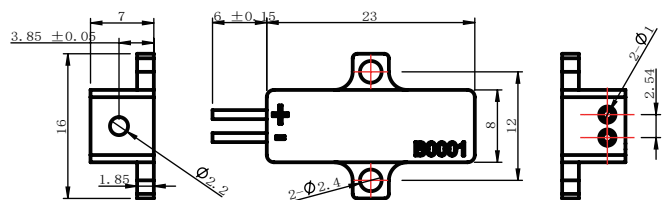


Typical Pluse
典型脉宽



Beam Profile
光斑形貌

Mechanical Drawings (in mm) 机械尺寸(单位: mm)



Units:mm