

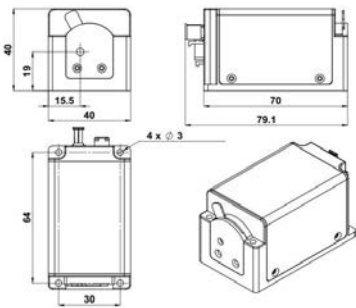
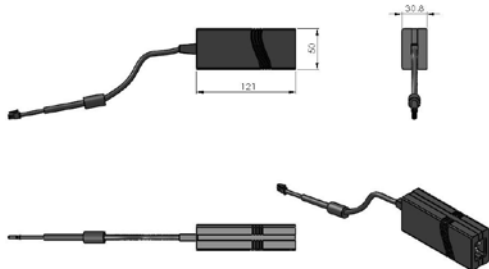


上海尖丰光电技术有限公司

450nm 高稳定性半导体连续激光器

尖丰光电提供的 **450nm 高稳定性半导体连续激光器**，具有高稳定性、窄线宽、光斑质量好、寿命长且易于操作等特点。超小体积封装，是 OEM 设备、光学系统设计与集成以及终端用户研发的绝佳选择。

规格参数：

Wavelength (nm)	450±5
Operating mode	CW
Output power (mW)	>1, 2, 3, ...,30
Power stability (rms, over 4 hours)	<1%, <3%
Transverse mode	Near TEM00
Noise of amplitude(rms,20Hz~20MHz)	<1%(<0.5%, optional)
M2 factor	<1.2
Beam diameter at the aperture (1/e2,mm)	~1.0
Beam divergence, full angle (mrad)	<1.0
Polarization ratio	>50:1 (>100:1, optional)
	Horizontal±5 degree (Vertical Optional)
Warm-up time (minutes)	<5
Beam height from base plate (mm)	19
Operating temperature (°C)	10~35
Input voltage	+12VDC
Expected lifetime (hours)	10000
Warranty	1 year
MDL-XS-450	Optional Power Supply
 79.1(L) ×40(W) ×40 (H) mm3, 0.2kg	 121(L) ×50(W) ×30.8 (H) mm3, 0.3kg