

OEM-F-454/1-2000mW



**OEM BLUE DIODE LASER  
AT 454nm**

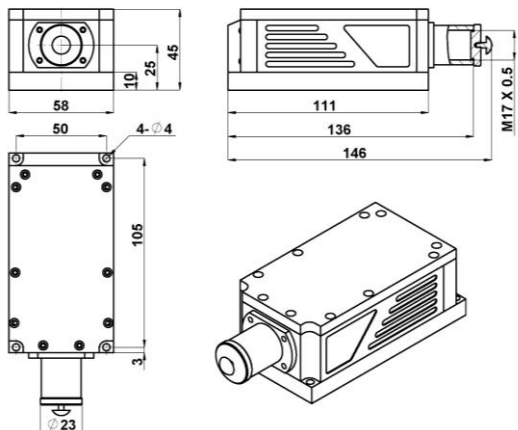
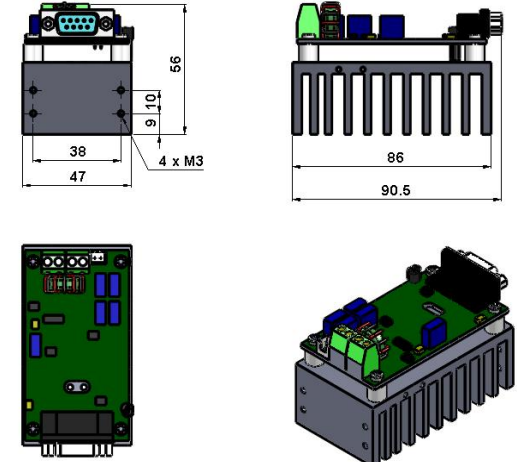
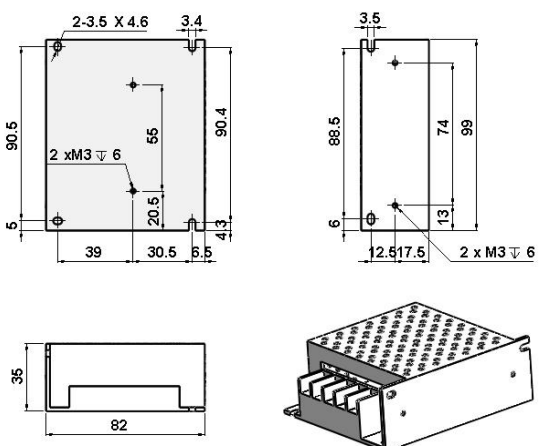
OEM blue diode laser module at 454nm is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in scientific research, laser pointing, show and RGB mixed laser systems applications.



**SPECIFICATIONS**

Wavelength (nm)	454±5
Operating mode	CW
Output power (mW)	>1, 100, 200, ...2000
Power stability (rms, over 4 hours) at 25°C	<1%, <3%, <5%
Transverse mode	Multimode
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~2.7×2.7
Beam divergence, full angle (mrad)	1.4×0.2
Warm-up time (minutes)	<5
Beam height from base plate (mm)	25
Operating temperature (°C)	25+/-3
Driver (6.5VDC 8A)	PSU-SD-OEM
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1 KHz-10KHz, 10KHz-30KHz optional
Expected lifetime (hours)	10000
Warranty	1 year



OEM-F-454	PSU-SD-OEM	Accessory (Power supply 100-240VAC)
 <p>146 (L) ×58(W) ×45 (H) mm<sup>3</sup>, 0.7kg</p>	 <p>90.5 (L) ×47(W) ×56(H) mm<sup>3</sup>, 0.3kg</p>	 <p>99 (L) ×82(W) ×35(H) mm<sup>3</sup>, 0.3kg</p>