



MRL-I-635 /1~500mW

**RED DIODE LASER  
At 635nm**



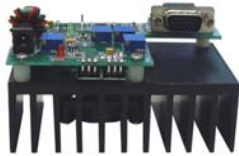
Diode red laser 635nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



**SPECIFICATIONS**

Wavelength (nm)	635 ± 5	
Output power (mW)	>1, 50, 100, ... , 500	
Transverse mode	Near TE <sub>00</sub>	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Warm-up time (minutes)	<5	
M <sup>2</sup> factor	<20	
Beam divergence, full angle (mrad)	<2.5	
Dimensions of beam at the aperture (mm)	~5×8	
Beam height from base plate (mm)	24. 8	
Polarization ratio	>50:1	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC or 5VDC)	PSU-I-OEM	PSU-III-OEM
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty	1 year	



MxL-I-635	PSU-I-OEM	PSU-III-OEM
 <p>130 (L) ×36(W) ×40.2(H) mm<sup>3</sup>, 0. 3 kg</p>	 <p>105 (L) ×47(W) ×38(H) mm<sup>3</sup>, 0. 2 kg</p>	 <p>100 (L) ×62(W) ×56 (H) mm<sup>3</sup>, 0.2kg</p>
