

OEM-H-635/1-800mW

### SPECIFICATIONS

### RED DIODE LASER AT 635NM

Red diode laser at 635 nm is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.



Wavelength (nm)	635 ±5
Output power (mW)	>1, 5, 10, ..., 800
Transverse mode	Near TE <sub>00</sub>
Operating mode	CW
Power stability (rms, over 4 hours) at 25°C	<1%, <3%, <5%
Warm-up time (minutes)	<5
M <sup>2</sup> factor	<20
Beam divergence, full angle (mrad)	<2.8
Beam diameter at the aperture (mm)	~5 ×8
Beam height from base plate (mm)	20
Operating temperature (°C)	25±/3
Operating current of Diode (A)	0-1.6
Operating voltage of Diode (V)	~2.5
Pins information	1. anode of diode; 3. cathode of diode
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off
Expected lifetime (hours)	5000
Power supply (90-264VAC)	PSU-V-OEM (optional)
Warranty time	The warranty is 3 months, excluding the LD failure.



Note: The power supply needs to be with the over current protection function.

OEM-H-635		PSU-V-OEM	
<p>85(L)×32(W) ×31(H) mm<sup>3</sup>, 0.245 kg</p>		<p>105(L)×47(W) ×38(H) mm<sup>3</sup>, 0.2 kg</p>	