

OEM-N-635/3000-5000mW

### OEM RED DIODE LASER MODULE CORE

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



#### SPECIFICATIONS

Wavelength (nm)	635 ±5
Output power (mW)	>3000, 3100, 3200, ... , 5000
Transverse mode	Near TE <sub>00</sub>
Operating mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%, <10%
Warm-up time (minutes)	<5
M <sup>2</sup> factor	<20
Beam divergence, full angle (mrad)	<5.0
Beam diameter at the aperture (mm)	~7.0 ×7.0
Beam height from base plate (mm)	27.4 with TEC
Operating temperature (°C)	22.5+/-2.5
Pins information	2: anode of diode; 1: cathode of diode
Operating current of Diode (A)	0-1.5
Operating voltage of Diode (V)	~2.0
Expected lifetime (hours)	5000
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off
Warranty time	The warranty is 3 months, excluding the LD failure.
Dimension(mm)	172(L)×70(W) ×50(H) with TEC



OEM-N-635	Dimension ( With TEC)	Accessories
	<p>172(L)×70(W) ×50(H) with TEC</p>	<p>Collimation system</p>