

## 长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd,

DATA SHEET

## **OEM-D-640** /500mW

## RED DIODE LASER At 640nm

SPECIFICATIONS

Diode red laser at 640nm is made features of round spot, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



Wavelength (nm)	640 ± 5	
Output power (mW)	>500	
Transverse mode	Near round	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Warm-up time (minutes)	<5	<u></u>
Beam divergence, full angle (mrad)	<1.0	
Dimensions of beam at the aperture (mm)	~5.0	
Polarization direction	Horizontal+Vertical (others on request)	AVOD EXPOSURE Loormation to embed in the APERTURE
Beam height from base plate (mm)	28.5	
Operating temperature (°C)	10~35	LARR RADADEN-AND DERITES OF REAL
Power supply (90-264VAC or 5VDC)	PSU-D-OEM	CLASS IIIb LASER PRODUCT
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	Cata article employ sets in CPR 194 (19 and 104 11 Changcha New Industrin Opticietrosis Tech, Cit, Lid (OR) 667 Changchi RJ, Chenghian, F.R. Chui
Expected lifetime (hours)	10000	
Warranty	1 year	

Note: Heat sink is needed for this red diode laser module, it is available up on request.

OEM-D-640	Dimension	PSU-D-OEM	Dimension	Accessories
107(L)×77(W) ×40(H) mm <sup>3</sup> , 0.5kg		Ke(L)×47(W) ×52(H) mm <sup>3</sup> , 0.10 kg		90-264VAC Adapter