

OEM-H-671/1-1200mW

LD PUMPED ALL-SOLID-STATE RED LASER AT 671NM

All solid state 671 nm red laser 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)	671±1	
Output power (mW)	>1, 5, 10, ..., 300	>300, 400, 500, ..., 1200
Transverse mode	TEM ₀₀	Near TEM ₀₀
Operating mode	CW	
Power stability (rms, over 4 hours) at 25°C	<3%, <5%, 10%	
Warm-up time (minutes)	<10	
M ² factor	<1.2	<2.0
Beam divergence, full angle (mrad)	<10	<20
Beam diameter at the aperture (mm)	<1.0	
Beam height from base plate (mm)	20	
Operating temperature (°C)	22.5+/-2.5	
Operating current of Diode (A)	0-5.5	
Operating voltage of Diode (V)	~2.0	
Pins information	1. anode of diode; 3. cathode of diode	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	5000	
Power supply (6VDC)	PSU-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-671	PSU-OEM	Accessories
<p>85(L)×32(W) ×31(H) mm³, 0.245 kg</p>	<p>74(L)×62(W) ×28(H) mm³, 0.15 kg</p>	<p>Collimation system</p>