

PGL-H-980/1~1500mW

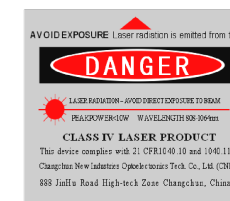
HIGH POWER INFRARED LASER MODULE AT 980nm

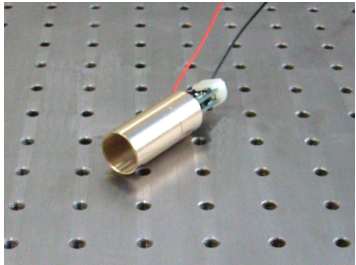
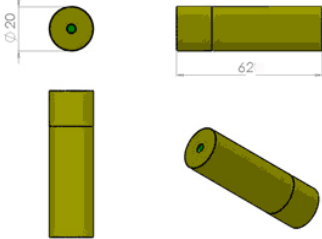

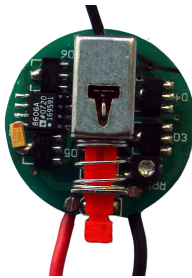
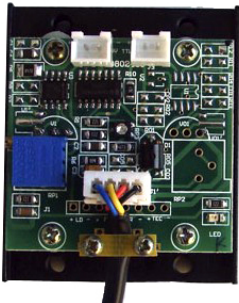
Diode infrared laser module at 980nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	980±10	
Operating mode	CW	
Output power (mW)	>1,5, 10, ..., 1500	
Power stability (rms)	<10% , over 4 hours at constant temperature after warm up	
	<20%, over operating temperature range	
Transverse mode	TE ₀₀	
Beam diameter at the aperture (1/e ² , mm)	~6.0	
Beam divergence, full angle (mrad)	<5.0	
Operating temperature (°C)	15~30	
Power supply	DC 3V PCB	DC 5V PCB
TTL modulation	Optional, 1Hz-1KHz, 1KHz-10KHz, or higher on request	
Expected lifetime (hours)	10000	
Warranty	6 months	



PGL-H-980	Dimensions	DC 3VPCB		DC 5VPCB
 <p>Φ20×62(L) mm², 0.075 kg</p>		 <p>14×18×6(H) mm³</p>	 <p>Φ26×15(H) mm³</p>	 <p>56×47×30(H) mm³</p>