

PGL-H-589/1~80mW

HIGH POWER LASER MODULE AT 589nm

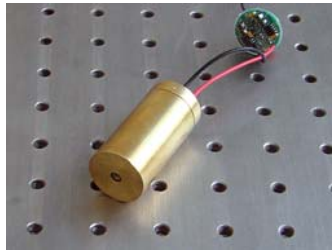
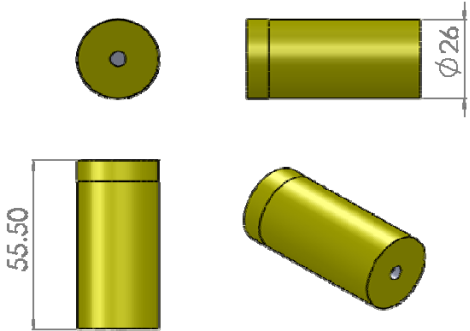

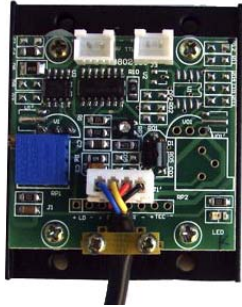
All solid state orange laser at 589nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	589±2	
Output power (mW)	>1, 10, 15, ... , 80	
Transverse mode	TEM ₀₀	
Operating mode	CW	
Beam divergence, full angle (mrad)	<15	
Beam diameter at the aperture (mm)	~0.1	
Power stability (rms)	<10% , over 4 hours at constant temperature after warm up	
	<20% , over operating temperature range	
Warm-up time (minutes)	<10	
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)	5000	
Warranty	6 months	



PGL-H-589	Dimensions	DC 3VPCB	DC 5VPCB
 <p>Φ26×55.5(L) mm³, 0.3 kg</p>		 <p>Φ26×15(H) mm³</p>	 <p>56×47×30(H) mm³</p>