

635nm Laser Module



Features

- 1. APC (auto power control) driver circuit
- 2. High quality of glass lens
- 3. Adjustable output power
- 4. Adjustable focus

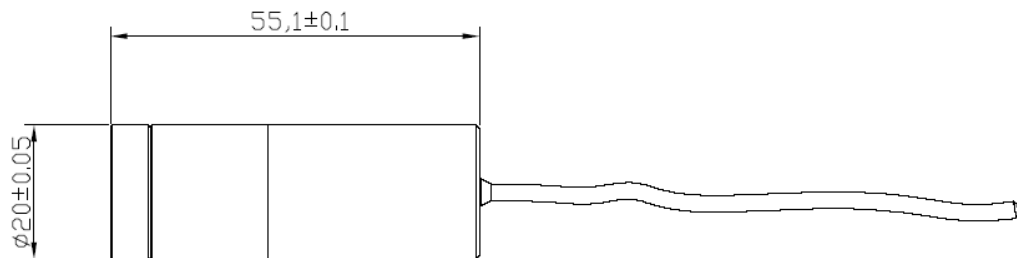
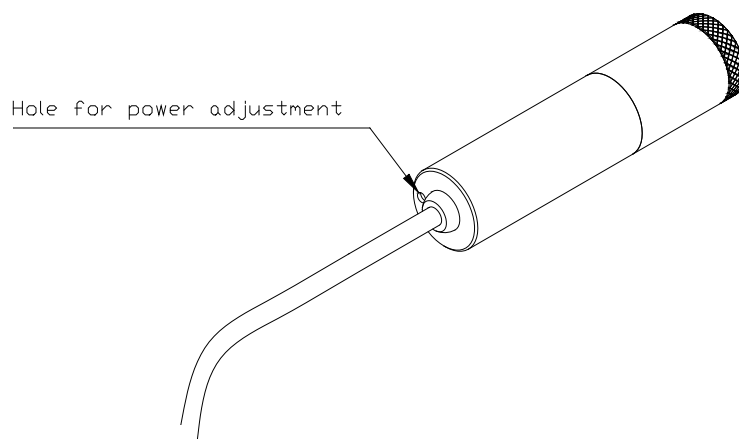
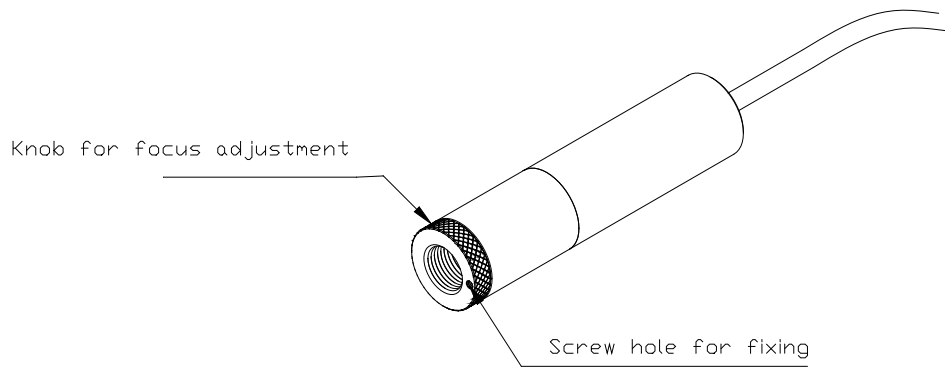
Absolute maximum ratings

Item	Symbol	Rating	Unit
Power supply voltage	V _{cc}	6	V
Laser Module optical output power	P _o	<20	mW
Operation temperature	T _{opr}	0~50	°C
Storage temperature	T _{stg}	-35~85	°C

Electrical and optical characteristics (T_c=25 °C)

Item	Symbol	Min.	Typ.	Max	Unit	Condition
Wavelength	λ	630	640	545	nm	P _o =20mW
Output power	P _{out}		<20		mW	V _{cc} =3V
Operation current	I _{op}	-	100	120	mA	P _o =20mW V _{cc} =3V
Operation voltage	V _{op}	3	-	6	Volt	

Outline dimensions (Units: mm)



Unit: mm

Red wire : Vcc

Black wire : GND

Laser Safety Precautions

1. Do not look into the laser beam directly by eyes. The laser beam may cause severe damage to human eyes.
2. Optical Lens is made of plastic or glass. Do not contaminate lens by soiling, oil or chemical.