

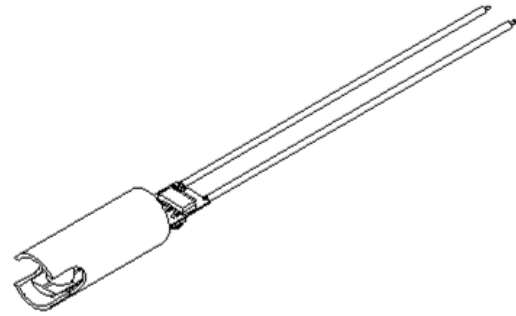
### 5mW Green Line Laser Module

#### Features

1. ACC (auto constant control) driver circuit
2. Stable Output power of <5mW
3. High quality glass lens for output beam

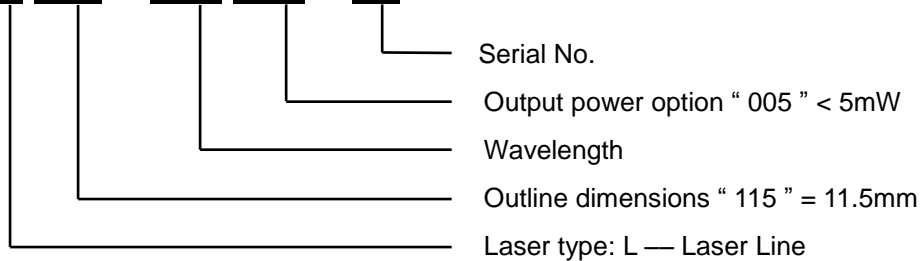
#### Applications

1. General purpose green laser light source
2. Industrial laser marker
3. Laser leveler



#### Part No. Indications:

AML- L 115 - 525 005 - 01



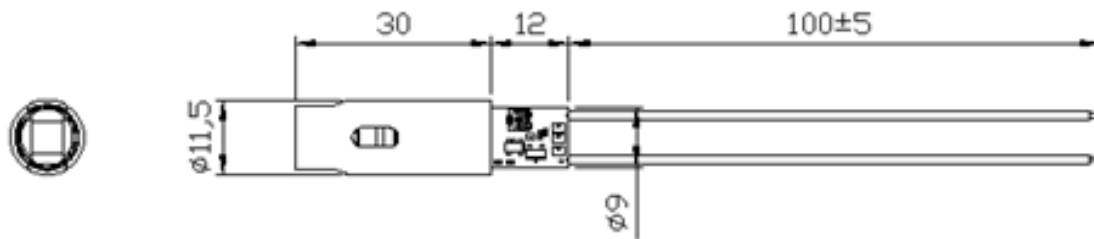
#### Absolute maximum ratings (T<sub>c</sub>=25 °C)

Item	Symbol	Rating	Unit
Power supply voltage	V <sub>cc</sub>	7.5	V
Laser Module optical output power	P <sub>o</sub>	7	mW
Operation Case Temperature	T <sub>c</sub>	0~60	°C
Storage Temperature	T <sub>stg</sub>	-40~80	°C

#### Electrical and optical characteristics (T<sub>c</sub>=25 °C)

Item	Symbol	Min.	Typ.	Max	Unit	Condition
Wavelength	λ	510	-	525	nm	P <sub>o</sub> =5mW
Output power	P <sub>out</sub>	<5			mW	V <sub>cc</sub> =7V
Operation current	I <sub>op</sub>	-	100	130	mA	P <sub>o</sub> =5mW V <sub>cc</sub> =7V
Operation voltage	V <sub>op</sub>	6.5	7		Volt	
Laser line accuracy	< 0.01° (40") at 4m					
Emitting angle	> 120°					

## 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 glass . Do not contaminate lens by soiling, oil or chemical.