

Green Laser Module

1. Specification:

- 1-1 Wavelength 532nm
- 1-2 Output power 5mw(Laser spot)
(Measure under the temperature $25^{\circ}\text{C}\pm 3^{\circ}\text{C}$)
- 1-3 Specs. Parameter
Fixed focus, dot shape facula, (facula pattern: TEMOO)
continuous output
- 1-4 Standard Dimension : $\phi 12\times 66\text{mm}$
- 1-5 Beam Dimension 6 Meter distance Output Laser spot $18\text{mm}\pm 2.0\text{mm}$
- 1-6 Input Power Source DC3.2V
- 1-7 Consumption Current Less than 300mA
- 1-8 Body Brass
- 1-9 Life Time More than 5000hours
- 1-10 Beam of Light Emanative Angle: 1.2mrad
- 1-11 Work material : Nd:YVO₄+KTP

2. Environment Condition:

- 2-1 Storage Temperature and Humidity $-25^{\circ}\text{C}\sim 70^{\circ}\text{C}$ / 93~95 Rh
(Storage in 3 weeks)
- 2-2 Operating Temperature and Humidity $0^{\circ}\text{C}\sim 40^{\circ}\text{C}$ / 20~ 80 Rh
(No Condense)

3. Reliability test:

- 3-1 vibration test: depend on customer
- 3-2 voltage test: 2.8 to 3.2V
- 3-3 temperature test: 0°C to 50°C