



**SEAN & STEPHEN  
CORPORATION**

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**Tainan Factory:**

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**China Factory:**

Zhongshan Xinxi Optoelectronic Science Tech.Co., LTD  
3<sup>rd</sup> Industry Zone, Tan Zhou Town, Zhong Shan City, Guang Dong Province, China  
TEL:86-760-6659181 FAX:86-760-6659191

**6594SD – 515D3.8**



## Dia 3.8 Mini Direct Green Laser Module

- Ultra small size.
- 4X brighter than red laser.
- Suitable for outdoor use.
- Widely working temperature range.
- Application to consumer electronics product application etc...

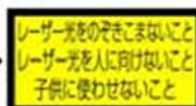
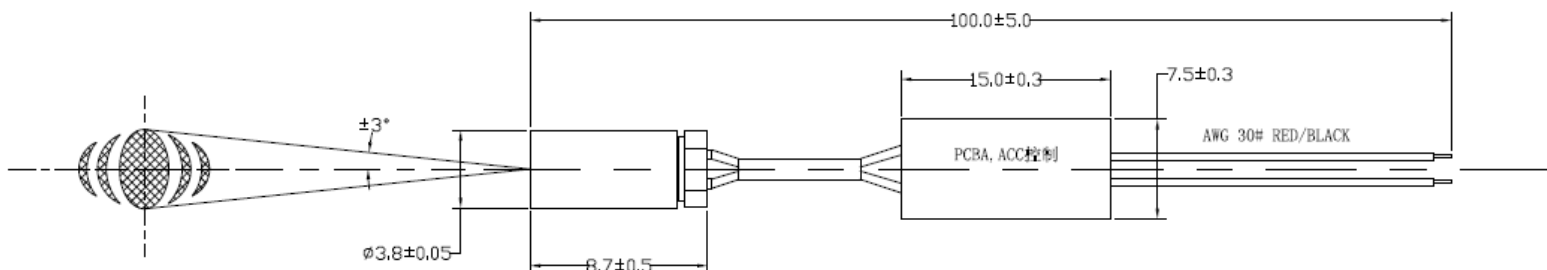
## Specification

| OPTICAL SPECIFICATION        |                            |
|------------------------------|----------------------------|
| P/N                          | 6594SD – 515D3.8           |
| SIZE                         | Ø 3.8mm * 8.7mm            |
| OPTICAL POWER                | 1~50mW                     |
| OPERATING CURRENT (max)      | 50~400mA                   |
| OPERATING VOLTAGE            | DC7.4V                     |
| WAVE LENGTH AT PEAK EMISSION | 515nm, 520nm               |
| OUTPUT POWER TYPE            | CONSTANT WAVE / MODULATION |
| OPERATING TEMP.RANGE         | -10 °C~ + 50°C             |
| STORAGE TEMP. RANGE          | -10 °C~ + 60°C             |
| DEFLECTION ANGLE             | < 3°                       |
| POWER STABILITY              | < ±2%                      |

### Laser Safety:

Class 2 - less than 1 mW

Class 3R - less than 5 mW



**FDA**



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**6594SD- 515D3.8 Typical Electrical/Optical / Characteristics Curves**

