

# ERBIUM-DOPED GLASS LASER

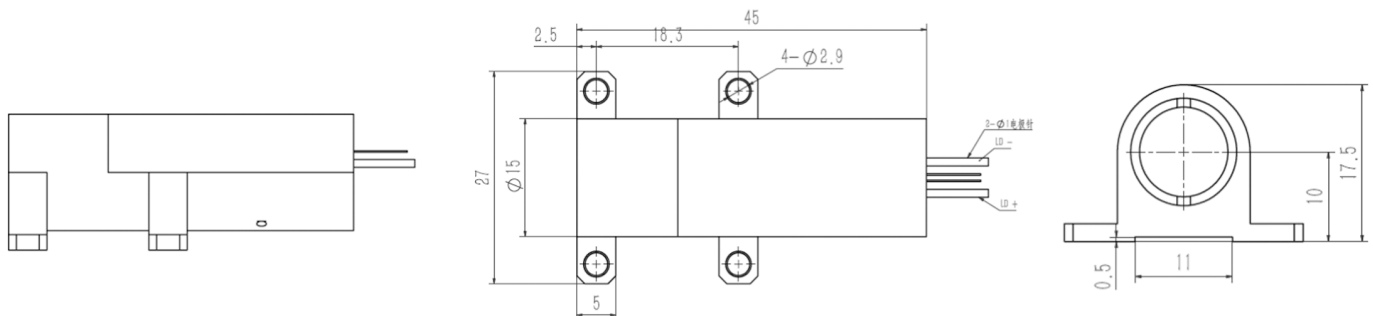
## Features :

- Human eye safety
- Small size and light weight
- High photoelectric conversion efficiency
- Adapt to the harsh operating environment

## Applications :

- Laser Ranging
- LIDAR
- Laser Communication

LM-1535-P-A6 - 0.5



## PARAMETERS

LM - 1535 - P40 - A6 - 0.5

|                       |                  |
|-----------------------|------------------|
| Wavelength            | 1535 nm          |
| Pulsed width (FWHM)   | 3ns ~ 5ns        |
| Pulsed energy         | 40uJ             |
| Peak power            | 10kw             |
| Energy stability      | ≤5%              |
| Beam-divergence angle | ≤0.5 mrad        |
| Working voltage       | 2V               |
| Working current       | 3A               |
| Working frequency     | 10,000 Hz        |
| Pulsed width          | 0.2 ms ~ 0.4 ms  |
| Working temperature   | - 40°C ~ 60°C    |
| Storage temperature   | - 50°C ~ 70°C    |
| Life time             | 10,000,000 times |
| Weight                | <20g             |

## NOTE

1. Anti-static measures must be taken during transportation, storage and use.
2. Laser diode pins need to be protected by connecting short lines between them.
3. Laser window to ensure clean and pollution-free.
4. Use constant-current power supply to avoid peaks and surges when working
5. The laser must be installed reliably when working.
6. Follow the LumiSpot operating instruction manual.
7. For other questions, please contact us.

