

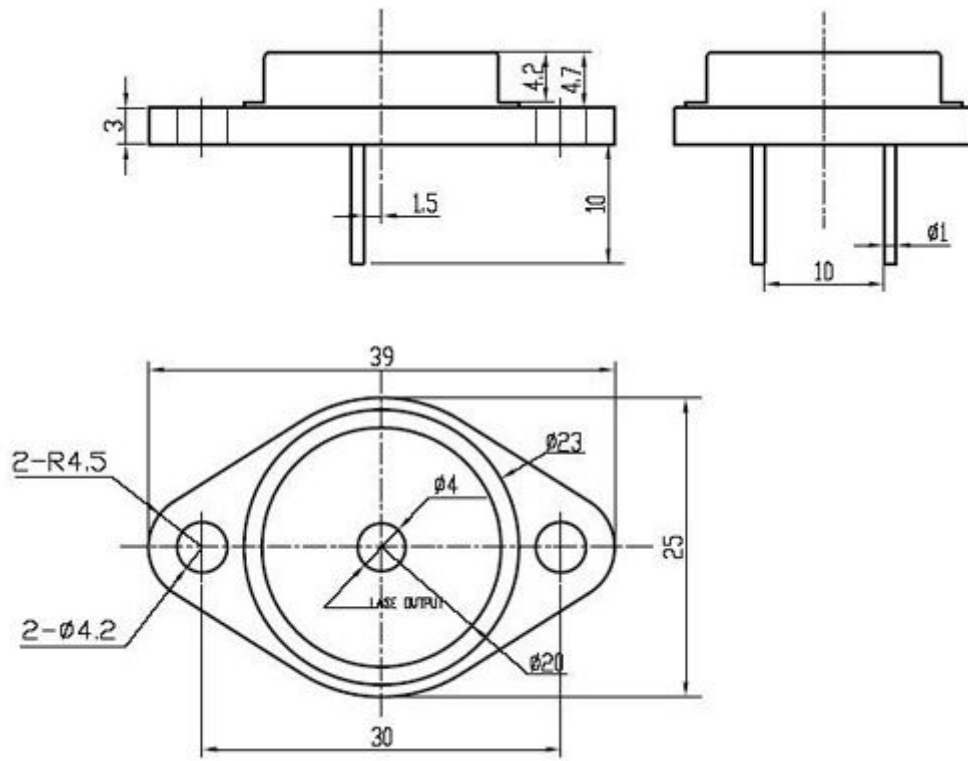


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## Package Dimensions

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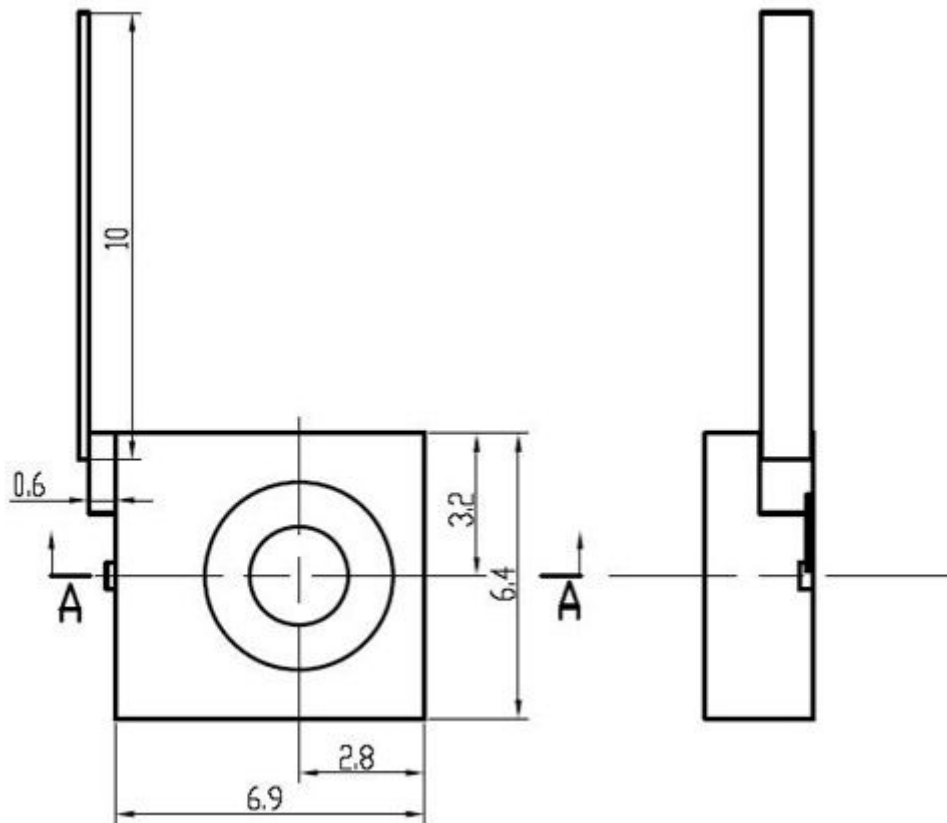
TO-3 Package (Unit:mm)



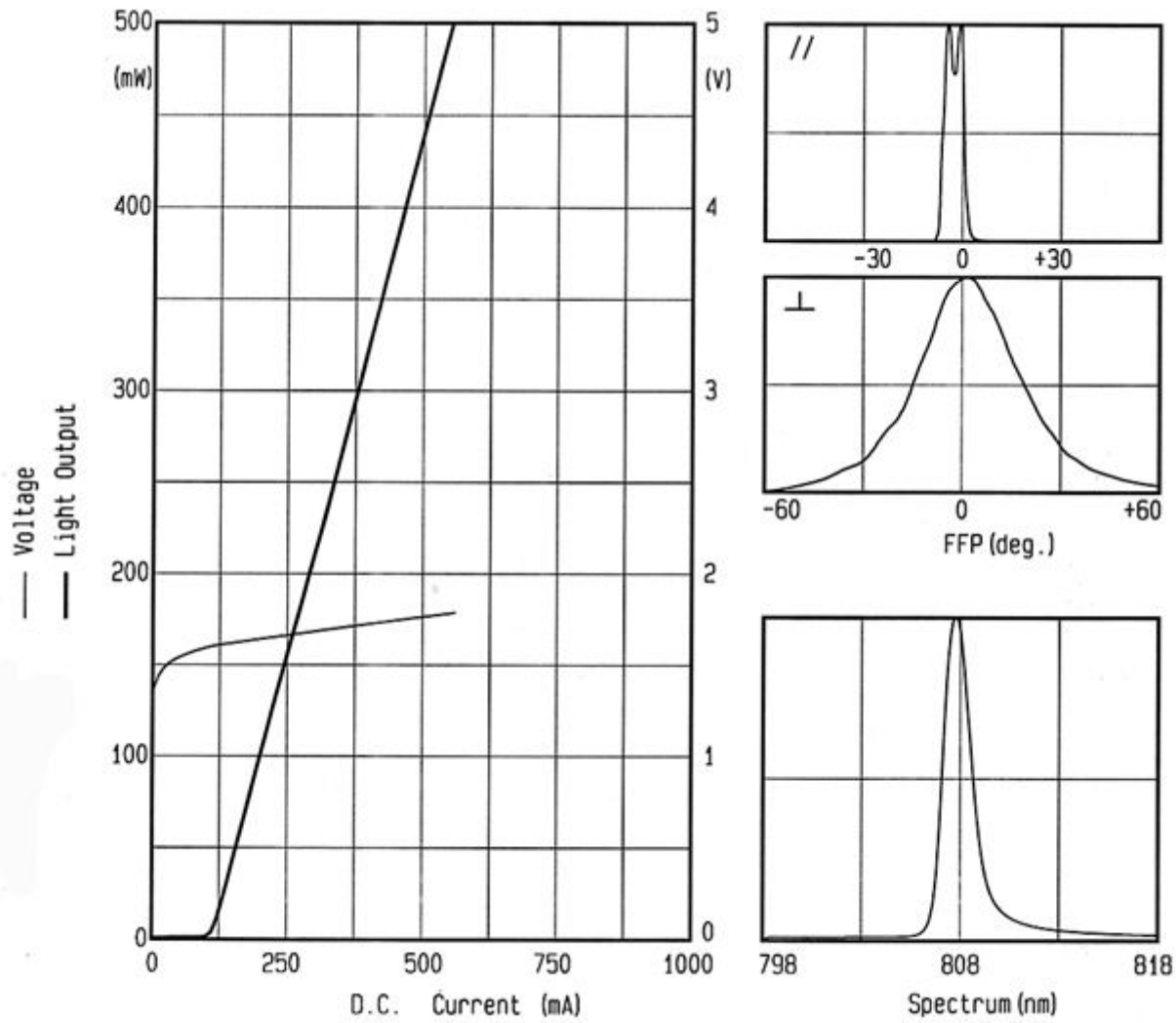
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C-mount Heat Sink (Unit:mm, Heat Sink(+))

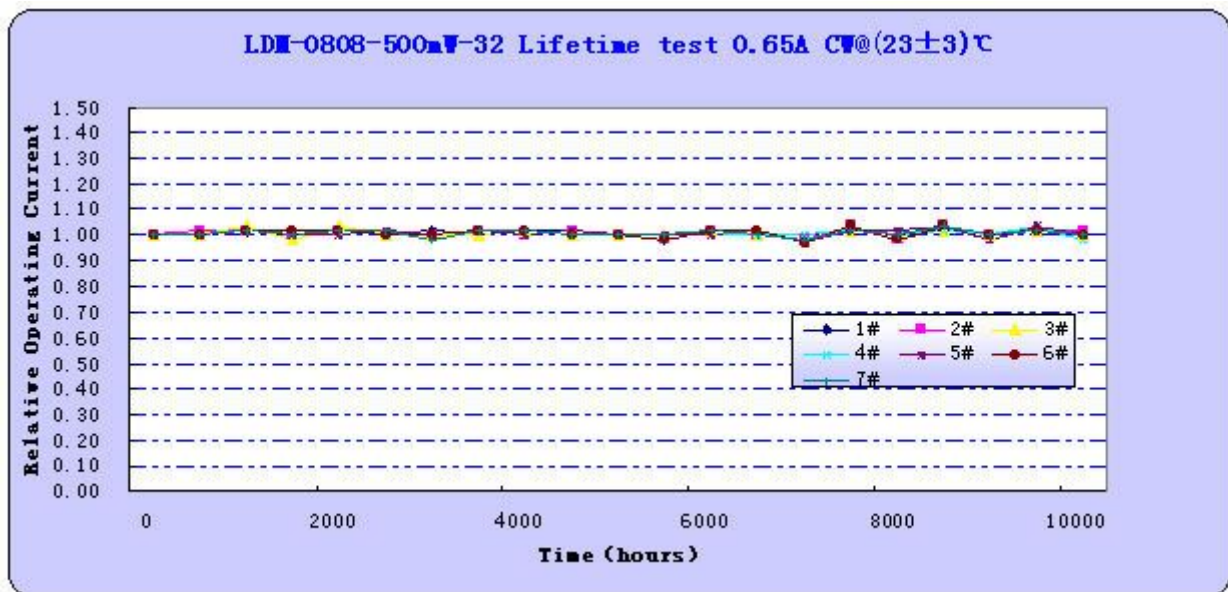
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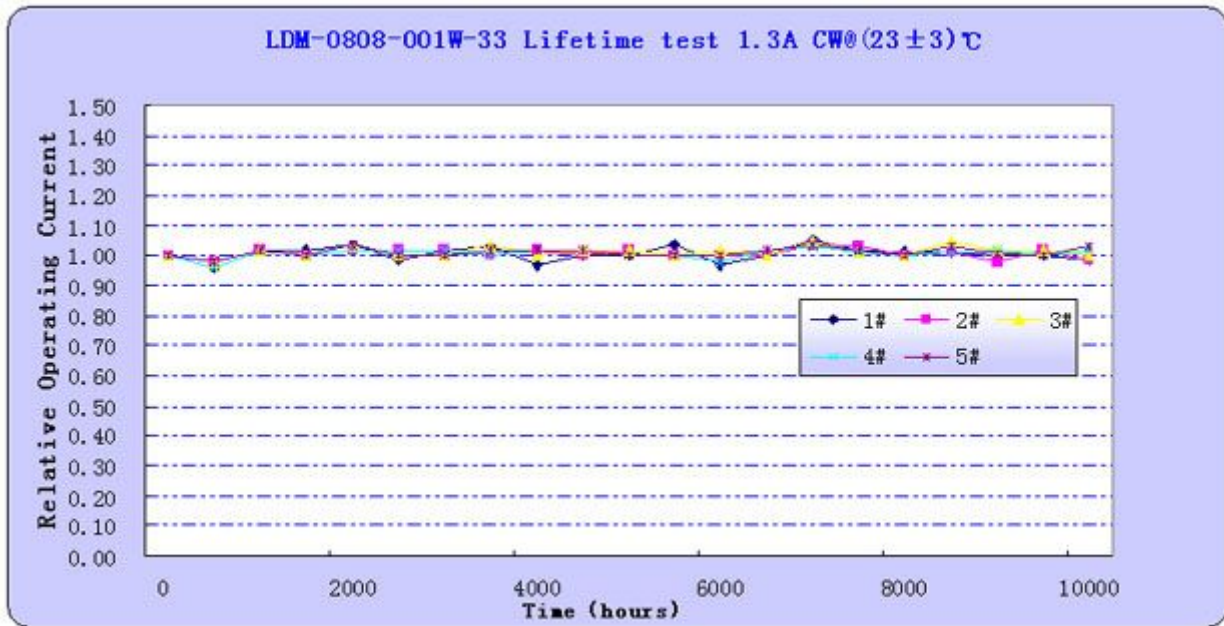


## Typical Performance Curves

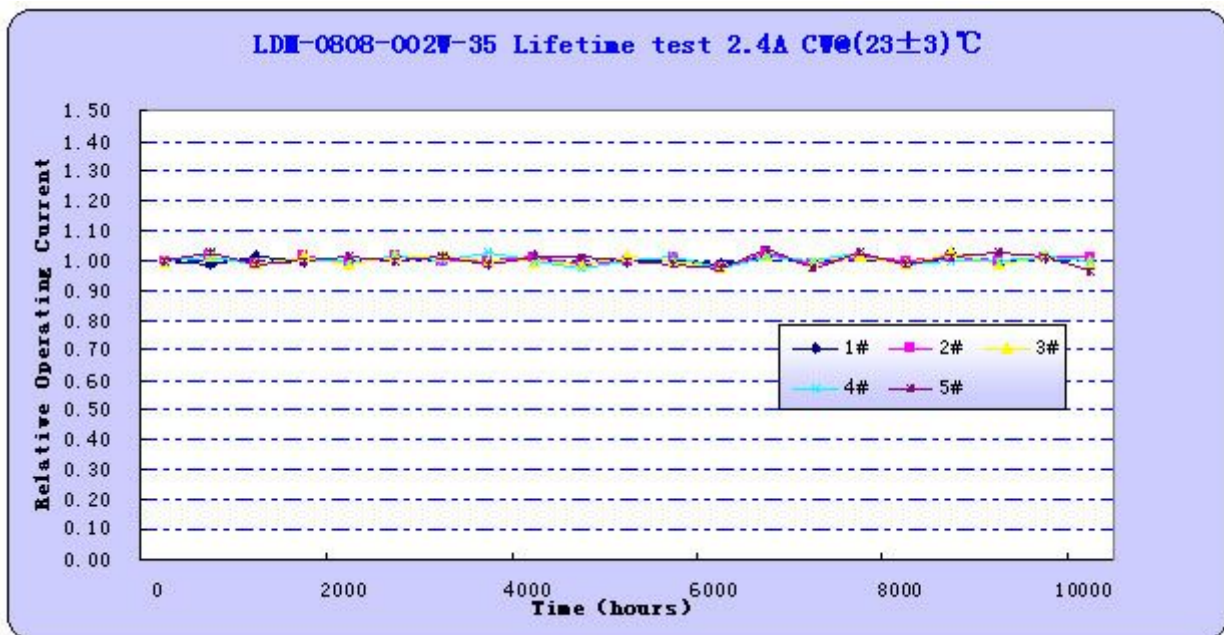


## Aging Data





LD-808-1W



LD-808-2W

**Notes**

1. High power laser diodes are high energy laser devices. It is harmful to human body and health. Never look directly into the laser output port.
2. High power laser diodes could operate in forward voltage. The reverse current and voltage should not be higher than  $25\mu\text{A}$  and 3V, respectively.
3. Heavy humidity can get dew on the LD then damage the LD.
4. The generated heat must be removed in time when the LD working.
5. The high temperature will effect the performance of the products. The lifetime can also be shortened by high temperature.
6. The operating current and optical power of laser must not be higher than the given rate current and power. The excessive current would accelerate aging and shorten lifetime, even damage the LD.
7. The semiconductor laser diode is a sensitive electronic device. Please observe precaution for handling electrostatic sensitive devices.