## UH5-25G-658 LASER DIODE MODULE

# DATASHEET



#### FEATURES

- Adjustable Focus Beam
- High Stability & Low Noise
- ESD & Reverse Polarity Protected
- Custom Options Available

#### APPLICATIONS

- Measurement
- Automation
- Alignment

#### **Operational Hazard of Laser Module**

This laser module emits radiation that is visible/invisible and harmful to human eye. When in use, do not look directly into the laser emitting aperture. Direct viewing of laser diode emission at close range may cause eye damage.



#### **Limited Warranty**

One year. No warranty coverage for disassembly, modifications, or damage due to abuse or misapplication.



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### **SPECIFICATIONS**

658 nm
25 mW
< 1%
0.2nm/ºC
Class IIIB
Continuous
Single Mode Laser
< 1 mrad
Elliptical Adjustable (default) Or Collimated (3mm) at 1m
< 100 µm at < 10" distance
3.3 to 5V DC
< 100 mA
Auto Power Control
+ Red, - Black
12mm (D)X 51mm (L)
200mm
+10°C to +50°C
-40°C to +80°C
Recommended for extended use

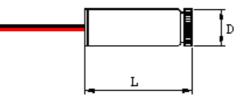
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Notes: This laser is designed to dissipate heat through its body. Do not use a thermally insulating material for mounting. Do not restrict air circulation around the device. An additional heat sink can be used to maximize the performance and life time.

UH5-25G-658 is sold only for use in OEM equipment. OEM responsible for compliance with all applicable safety regulations

Caution: The case is internally connected to the circuit. Damaging the anodized surface may result in failure of the laser module

#### **OUTLINE DRAWING**



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