

## **1550nm Laser Diode, 1500mW Output Two-Pin Fiber-Coupled Coaxial Package**



### **Features**

- 1550nm, 1500mW Output
- 105 $\mu$ m Multimode Fiber, NA 0.22
- FC/APC Fiber Connector
- Two-Pin Coaxial Package

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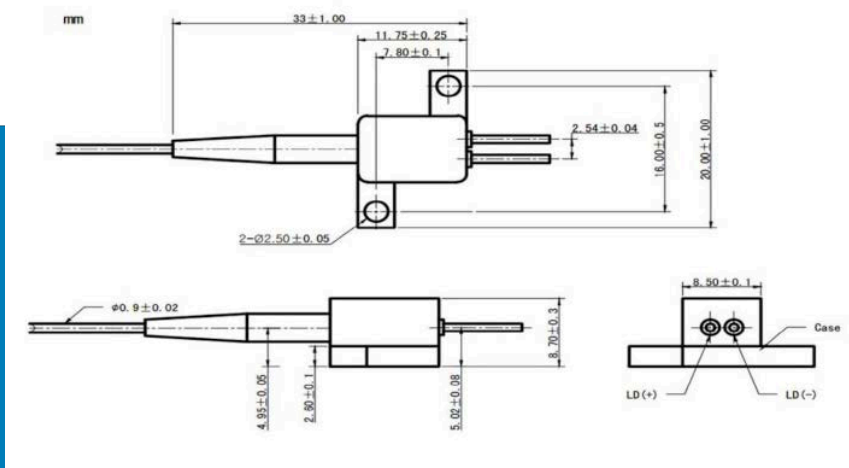
### 1550NM-1500MW Overview

This high power 1550nm Fabry-Perot laser is offered in a multimode fiber-coupled coaxial laser package. The package is designed for good heat conduction so that stable laser temperature can be maintained during high-power operation. This laser diode is coupled to 105µm MMF, NA 0.22 and terminated with an FC/APC connector. Other connector options are available. Please inquire for options and details.

### Proven Laser Diode Expertise

These high stability fiber coupled laser diodes are designed and manufactured to meet the most demanding R&D and industrial applications.

Proprietary design, packaging, and fiber coupling processes produce laser diodes with very high stability and low noise. Each laser diode is subject to extensive testing and burn-in before shipment to ensure the highest possible levels of quality and long term reliability.





#### OPTICAL SPECIFICATIONS AT 25°C

- Center Wavelength: 1550 nm ( $\pm 30$  nm)
- Output Power: 1.5 Watts
- Wavelength Temperature Coefficient: 0.7 nm/°C
- Spectral Width (FWHM): 15.0 nm

#### ELECTRICAL SPECIFICATIONS AT 25°C

- Operating Current: 8.0 A
- Threshold Current: 0.5 A
- Operating Voltage: 1.8 V

#### PACKAGE AND FIBER SPECIFICATIONS

- 2-Pin Flat Pack
- Fiber Connector: FC/APC
- Fiber Core Diameter: 105  $\mu$ m
- Fiber NA: 0.22

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