

## WLD-15-850-PM-FC/APC



### FEATURES

- ✓ High Stability and Low Noise
- ✓ Single Mode PM Fiber

### APPLICATIONS

- ✓ Measurement and Bioanalytical
- ✓ Automation and Alignment

### Operational Hazard of Laser Module

This laser module emits radiation which is harmful to the human eye. Direct viewing of laser emission may cause eye damage.



### Limited Warranty

One year. No warranty for physical damage due to misuse.



## SPECIFICATIONS

### OPTICAL

|   |                                      |  |
|---|--------------------------------------|--|
| Wavelength                              | 852 ± 10 nm                          |  |
| Optical Output Power                    | 15 mW                                |  |
| Fiber Core Diameter                     | 5 μm                                 |  |
| Fiber Type                              | Single Mode Polarization Maintaining |  |
| Fiber Numerical Aperture                | 0.12 NA                              |  |
| Fiber Connector                         | FC/APC                               |  |
| Fiber Facet Angle                       | 8°                                   |  |
| Polarization Alignment to Connector Key | 3°                                   |  |

|                    |              |             |
|--------------------|--------------|-------------|
| Operating Voltage  | Typ. 1.9 V   | Max. 2.4 V  |
| Operating Current  | Typ. 75 mA   | Max. 100 mA |
| Threshold Current  | Typ. 20 mA   | Max. 40 mA  |
| Monitoring Current | Typ. 0.25 mA | Max. 0.5 mA |

### MECHANICAL

|                       |                      |  |
|-----------------------|----------------------|--|
| Dimension, mm         | 8 mm (D) x 32 mm (L) |  |
| Fiber Length          | 1 m                  |  |
| Fiber Jacket Colour   | Black                |  |
| Operating Temperature | -10°C to +70°C       |  |
| Storage Temperature   | -40°C to +80°C       |  |

## OUTLINE DRAWING

