



# 650nm, 100mW Fiber-Coupled Laser Diode PM Fiber, FC/APC Connector

## **RLS / 650NM-100MW-PMF**

### **OPTICAL SPECIFICATIONS**

- Output Wavelength: 658 nm ±10 nm
- Output Power: 100 mW
- Spectral Width (FWHM): 2.0 nm
- Wavelength Temp. Coefficient: 0.2 nm/°C
- Beam Type: Gaussian Beam
- Laser Type: Fabry-Perot

#### **FIBER SPECIFICATIONS**

- Fiber Type: Polarization Maintaining Fiber
- Polarization Extinction Ratio: 15 dB
- Fiber Core: 4 µm
- N.A.: 0.12
- Fiber Length: >80 cm
- Fiber Connector: FC/APC (Other Types Available; Inquire)
- Alignment: Slow Axis Aligned to FC Key

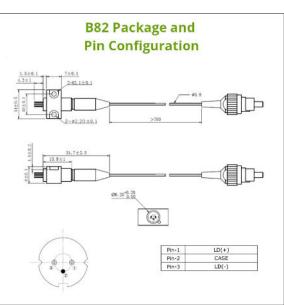
#### **ELECTRICAL SPECIFICATIONS**

- Threshold Current: 55 mA (typ)
- Operating Current: 230 mA (typ)
- Operating Voltage: 2.8 V (typ)
- Max LD Reverse Voltage: 2.0 V

#### **GENERAL SPECIFICATIONS**

- Operating Temperature Range: -10°C 60°C
- Recommended Operating Temp: 25°C
- Storage Temperature Range: -40°C 85°C
- Lead Soldering Temperature: 260°C





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