
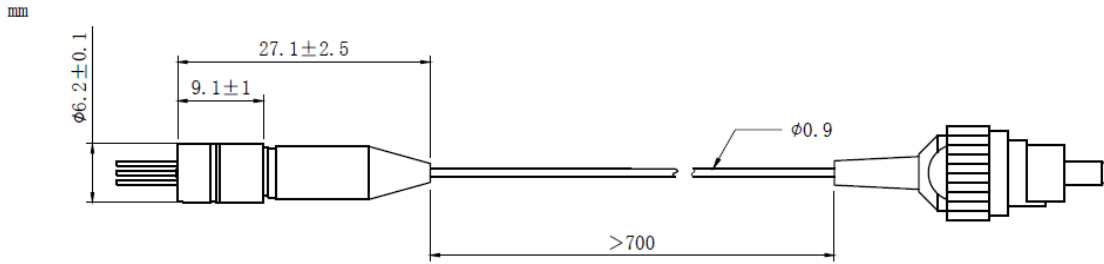


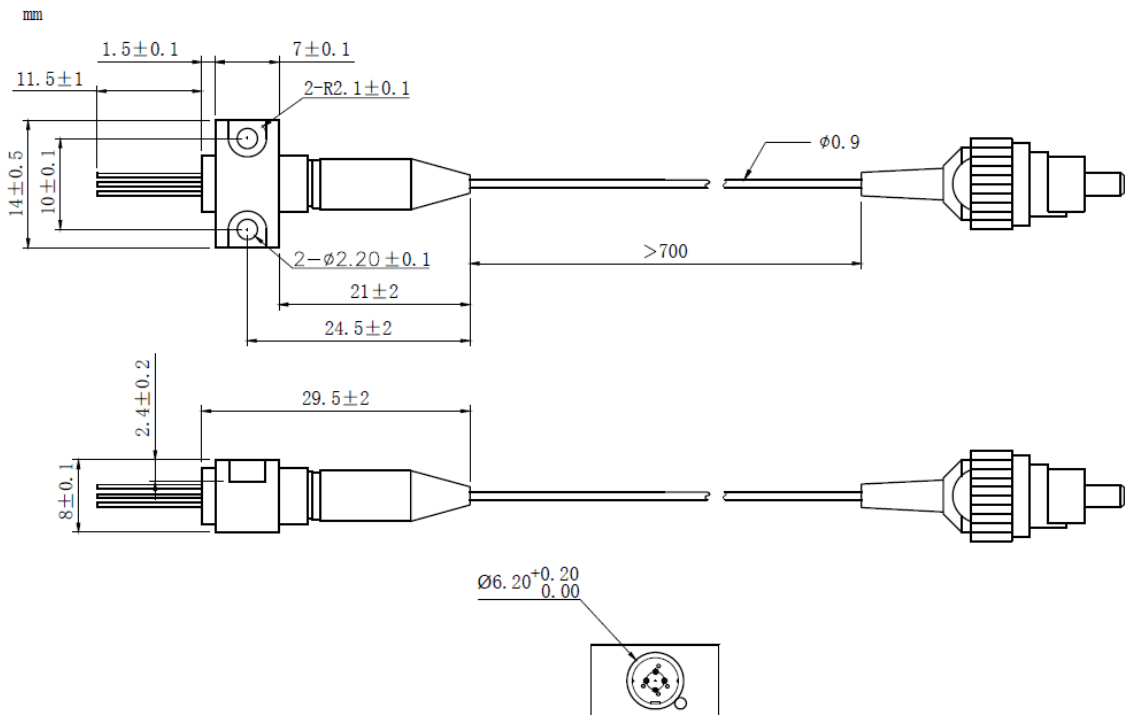
1290nm 10mW Pigtailed Laser Module with Polarization maintaining Fiber (PM Fiber)
1290nm PM Fiber Coupled LD Module with Coaxial Package (9um Single Mode PM Fiber)
RWLP-1290-010m-PM-DFB-ISO

| PARAMETER | SYMBOL | VALUE | UNIT | |
|---|--------------------------------|--|--------|-------|
| LD Reverse Voltage | V_r | 2.0 | V | |
| PD Reverse Voltage | $V_{r(PD)}$ | 15 | V | |
| Operating Temperature | T_{op} | -20 ~ +50 | °C | |
| Storage Temperature | T_{stg} | -40 ~ +100 | °C | |
| Lead soldering temperature (10 sec.) | T_{is} | 260 | °C | |
| Features: <ul style="list-style-type: none"> • 1290nm • DFB Laser Diode • Built-in Photodiodes • Built-in Isolator • High Reliability • High Polarization Extinction Ratio | |  | | |
| Applications: <ul style="list-style-type: none"> • Test Equipments • Optical Transmitter of Analog Signal • Optical Transmitter of Data Signal | | | | |
| Specifications | | RWLP-1290-010m-PM-DFB-ISO | | |
| | | Min | Type | Max |
| Center Wavelength@25°C | | ±3nm | 1290nm | ±10nm |
| Spectral Width(FWHM) | | ---- | 0.3nm | 1nm |
| Output Power | | ---- | 10mW | ---- |
| Fiber Type | Polarization Maintaining Fiber | | | |
| Fiber Core | 9um | | | |
| Recommended Operation Temperature | 25°C | | | |
| Polarization Extinction Ratio | 13dB | 15dB | ---- | |
| Connector | FC/APC | | | |
| Threshold Current (Typ.) I_{th} | ---- | 5mA | 15mA | |
| Operating Current | ---- | 90mA | 100mA | |
| Operating Voltage | ---- | 1.4V | 1.7V | |
| Optical Isolation | 30dB | | | |
| Fiber Length | >80cm | | | |
| Package Style | Coaxial or B86 | | | |
| High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us. | | | | |

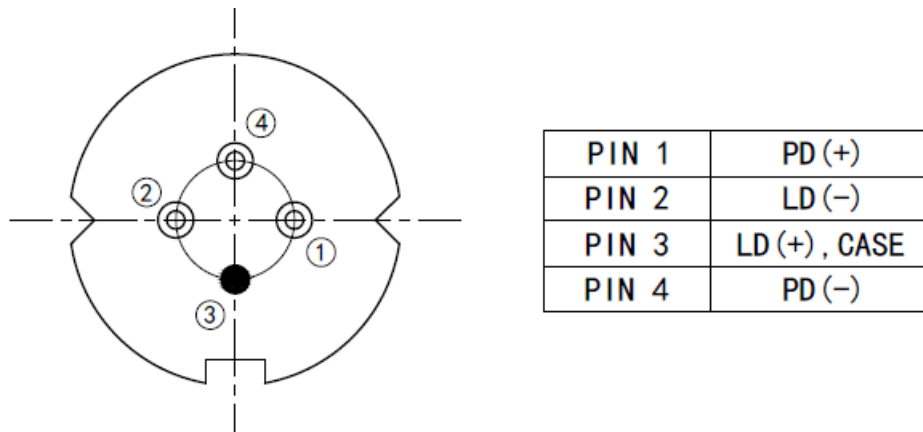
Coaxial Package View: (Part Number: RWLP-1290-010m-PM-DFB-ISO)



B86 Package View: (Part Number: RWLP-1290-010m-PM-B-DFB-ISO)



Bottom View: (A-Type)



Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

