

**480nm~482nm 20mW Single Mode Coaxial Package Fiber Coupled Laser Diode Module**  
**480nm SM Pigtailed LD with 3um Single Mode Fiber (SM Fiber) | Blue LDM**  
**RWLP-480-020m-4**

| 480nm Pigtailed Diode Laser  |  | 20mW/SMF  |       |
|--|--|-----------|-------|
| PARAMETER  | SYMBOL   | VALUE     | UNIT  |
| Reverse Voltage  | $V_r$  | 2.0       | V     |
| Operating Temperature  | $T_{op}$   | -10~+60   | °C    |
| Storage Temperature  | $T_{stg}$  | -40~+85   | °C    |
| Lead soldering temperature (10 sec.)   | $T_{is}$   | 260       | °C    |
| <b>Features:</b> <ul style="list-style-type: none"> <li>• 480nm Diode Laser</li> <li>• 3um SM Fiber</li> <li>• Coaxial or B82 Package</li> <li>• High Stability</li> </ul> |  |           |       |
| <b>Applications:</b> <ul style="list-style-type: none"> <li>• Medical Laser Treatment</li> <li>• Biotechnology</li> <li>• Others</li> </ul>                                |  |           |       |
| <b>Specifications</b>  | <b>RWLP-480-020m-4</b>   |           |       |
|  | Min  | Type      | Max   |
| Center Wavelength@25°C   |  | 480nm±5nm |       |
| Spectral Width (FWHM)  | ----   | 2.0nm     | ----  |
| Output Power   | ----   | 20mW      | ----  |
| Fiber Type   | Single Mode Fiber  |           |       |
| Fiber Core   | 3um  |           |       |
| Recommend Operating Temperature  | 25°C   |           |       |
| Fiber Length   | ----   | 80cm      | 100cm |
| Threshold Current  | ----   | 35mA      | 65mA  |
| Operating Current  | ----   | 140mA     | 160mA |
| Operating Voltage  | ----   | 6.5V      | 8.0V  |
| Package Style  | Coaxial or B82   |           |       |
| Fiber Connector  | FC/SC/SMA905   |           |       |
| Photodiode   | Without  |           |       |

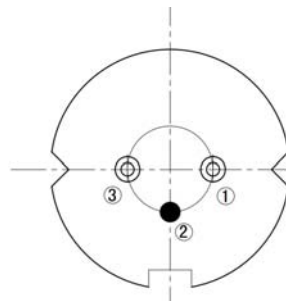
**Coaxial Package View: (Part Number: RWLP-480-020m-4)**



**B82 Package View: (Part Number: RWLP-480-020m-4-B)**



**PIN Bottom View:**



|   |       |
|---|-------|
| 1 | LD(+) |
| 2 | GND   |
| 3 | LD(-) |

Electrically shorten LD module and store in non-extreme conditions.  
Suggest using the constant current power supply.

