
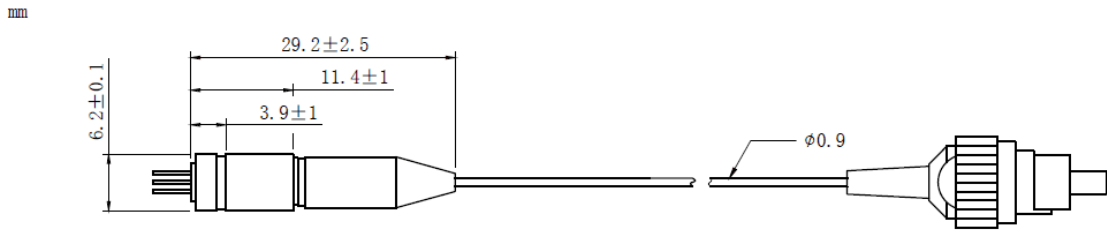


**460nm 50mW Coaxial Pigtailed Laser Diode with PMF | Blue Laser Module**  
**460nm~465nm~473nm 50mW PM Fiber Coupled LD | 3um Polarization Maintaining (SM Fiber)**  
**RWLP-460-050m-PM**

460nm Pigtailed Diode Laser 50mW/PMF			
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	-10~+70	°C
Storage Temperature	$T_{stg}$	-40~+85	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C
Features: <ul style="list-style-type: none"> <li>460nm</li> <li>PM Fiber</li> <li>High Reliability</li> <li>High Polarization Extinction Ratio</li> </ul> Applications: <ul style="list-style-type: none"> <li>Medical Laser Treatment</li> <li>Biotechnology</li> <li>Others</li> </ul>			
Specifications	RWLP-460-050m-PM		
	Min	Type	Max
Center Wavelength@25°C	450nm	460nm	470nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	50mW	----
Fiber Type	Polarization Maintaining Fiber		
Fiber Core	3um		
Recommend Operating Temperature	25°C		
Fiber Connector	FC/APC		
Polarization Extinction Ratio	13dB	15dB	
Fiber Length	>80cm		
Threshold Current	----	25mA	65mA
Operating Current	----	150mA	170mA
Operating Voltage	----	6.0V	7.0V
Package Style	Coaxial or B82		
High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.			

**Coaxial Package View: (Part Number: RWLP-460-050m-PM)**



**B82 Package View: (Part Number: RWLP-460-050m-PM-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.

