


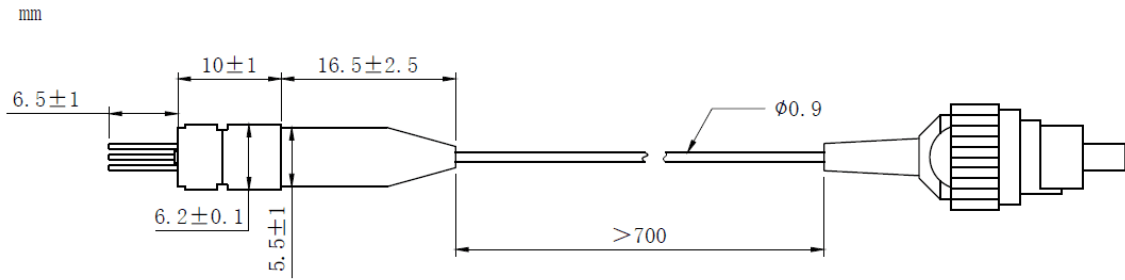
**650nm~660nm 50mW Fiber Coupled Diode Laser with SMF28 Fiber**

**650nm 50mW Coaxial Pigtailed LD with 9um Fiber | Red Laser Module for Aiming Beam**

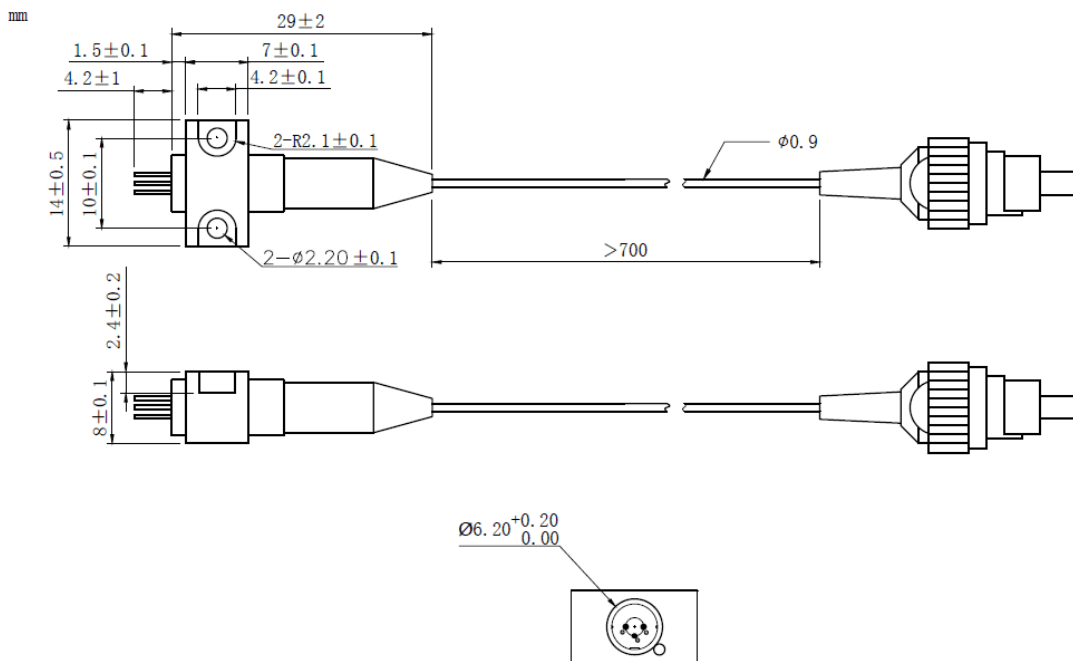
**RWLP-650-050m-9**

650nm Pigtailed Diode Laser		50mW/9um	
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>• 650nm</li> <li>• With 9um Fiber</li> <li>• Coaxial or B8 Package</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>• Medical Laser Treatment</li> <li>• Other</li> </ul>			
<b>Specifications</b>	<b>RWLP-650-050m-9</b>		
	Min	Type	Max
Center Wavelength@25°C	±5nm	658nm	±10nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	50mW	----
Fiber Type	SMF-28		
Fiber Core	9um		
Recommended Operating Temperature	25°C		
Fiber Connector	FC/SC/SMA905		
Fiber Length	----	80cm	100cm
Threshold Current	----	50mA	75mA
Operating Current	----	180mA	200mA
Operating Voltage	----	2.8V	3.5V
Package Style	Coaxial or B8		

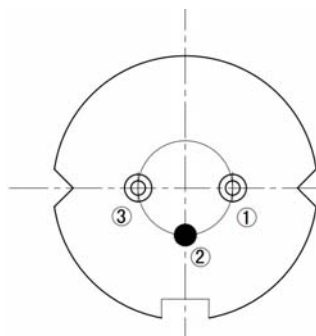
**Coaxial Package View: (Part Number: RWLP-650-050m-9)**



**B8 Package View: (Part Number: RWLP-650-050m-9-B)**



**PIN Bottom View:**



1	LD(+)
2	LD(-)
3	NC

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

