
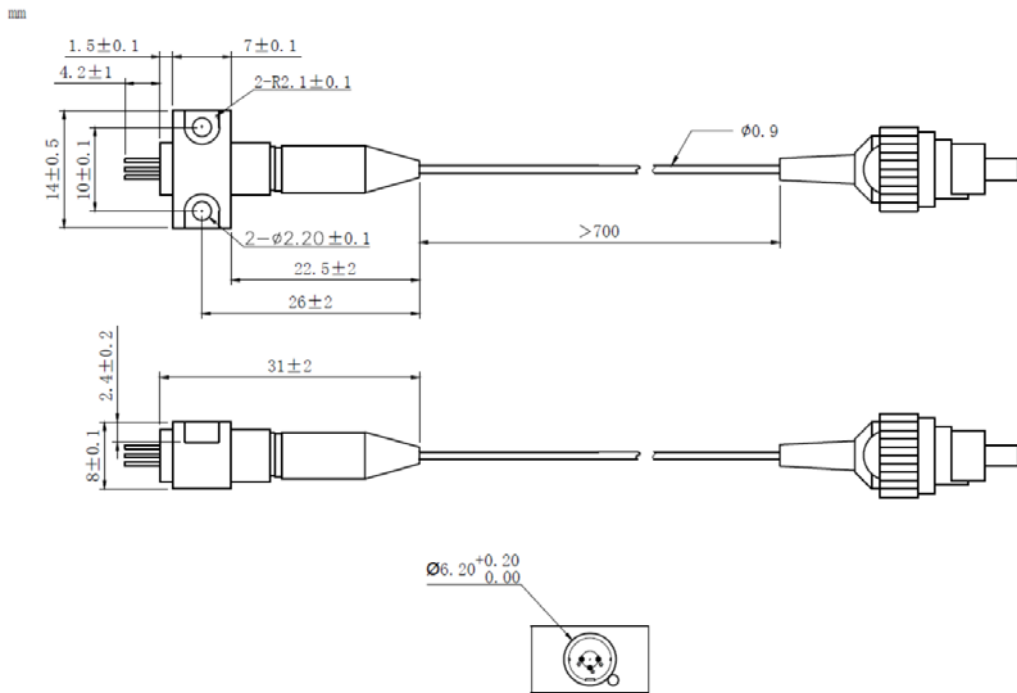
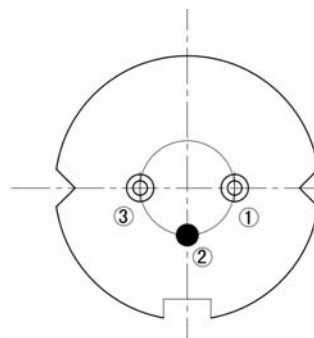


445nm Pigtailed Diode Laser 30mW/SMF			
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	-10~+70	°C
Storage Temperature	$T_{stg}$	-40~+85	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C
<b>Features:</b> <ul style="list-style-type: none"> <li>⊗ 445nm</li> <li>⊗ 3um UV SM Fiber</li> <li>⊗ B82 Package</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>⊗ Medical Laser Treatment</li> <li>⊗ Printing</li> <li>⊗ Others</li> </ul>			
<b>Specifications</b>			
	Min	Type	Max
Center Wavelength@25°C	440nm	445nm	460nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	30mW	----
Fiber Type	3um SM Fiber		
Recommend Operating Temperature	25°C		
Monitor Current	----	----	----
PD Reverse Voltage	----	----	----
Fiber Connector	FC/SC/SMA905		
Fiber Length	----	80cm	100cm
Threshold Current (Typ.)	----	30mA	60mA
Operating Current (Typ.)	----	120mA	140mA
Operating Voltage	----	6.0V	7.0V
Package Style	B82		

**B82 Package View:**



**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.

