

635nm~638nm 50mW~60mW Single Mode Fiber Coupled Diode Laser with Photodiode (PD)

635nm 50mW Coaxial Pigtailed Laser Diode with 4um Single Mode Fiber (SM Fiber)

Part Number: STW-LP-635-050m-4-PD

Features:

635nm
4um SM Fiber
Coaxial or B82 Package
Built-in PD

Applications:

Medical Laser Treatment
Aiming Beam
Others

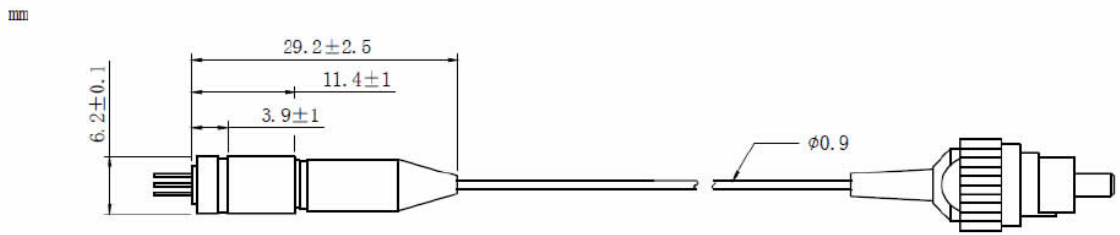
Specifications:

- Reverse Voltage (Vr): 2.0 V
- Operating Temperature (Top): -10~+50 °C
- Storage Temperature (Tstg): -40~ +85 °C
- Lead Soldering Temperature (10 sec.) (Tis): 260 °C

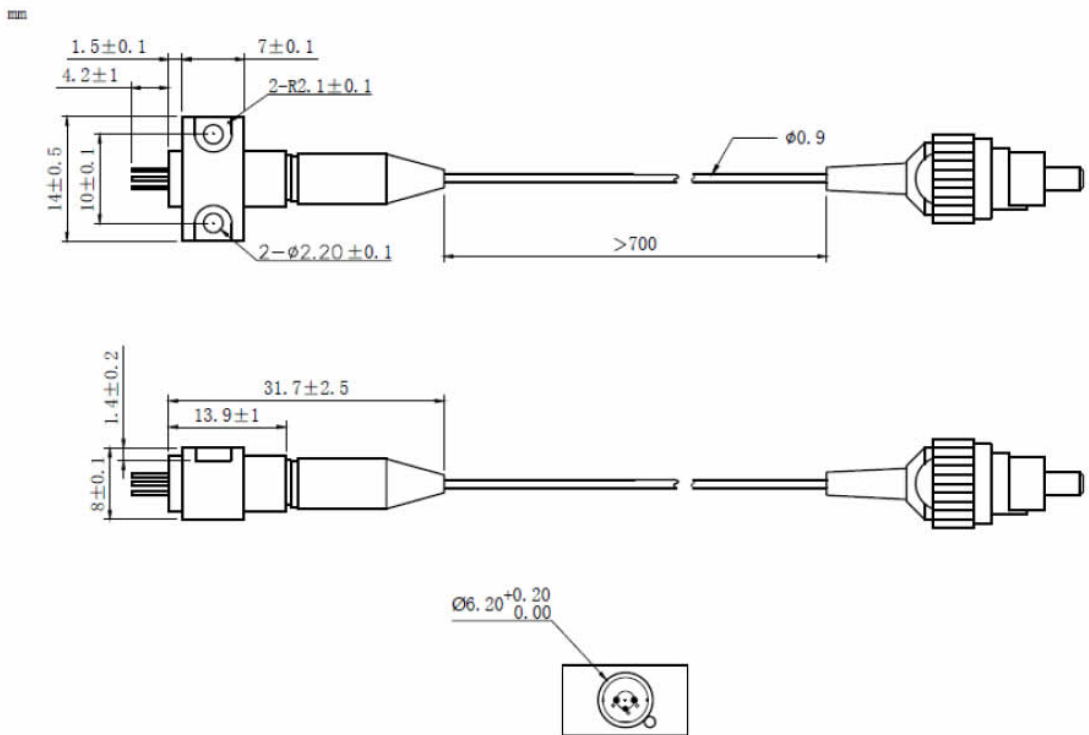


	Min.	Typical	Max.
Central wavelengths @25 degree C (nm)	630	638	645
Output power (mW)		50	
Fiber type		Single mode fiber	
Fiber core (um)		4	
Monitor current (mA)		0.3	
PD reverse voltage (V)			30
Fiber connector		FC/SC/SMA905	
Fiber length (cm)		80	100
60Threshold current (typ.) (mA)		60	85
Operating current (mA)		220	240
Operating voltage (V)		2.7	3.3
Package style		Coaxial or B82	
PD		Built-in	
Recommended operation temp. (degree C)		25	

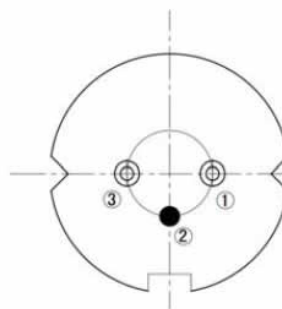
Coaxial Package View: (Part Number: STW-WSLP-635-050m-4-PD)



B82 Package View: (Part Number: ' STW-WSLP-635-050m-4-B-PD)



PIN Bottom View:



1	LD(-)
2	LD(+)&PD(-)
3	PD(+)

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