
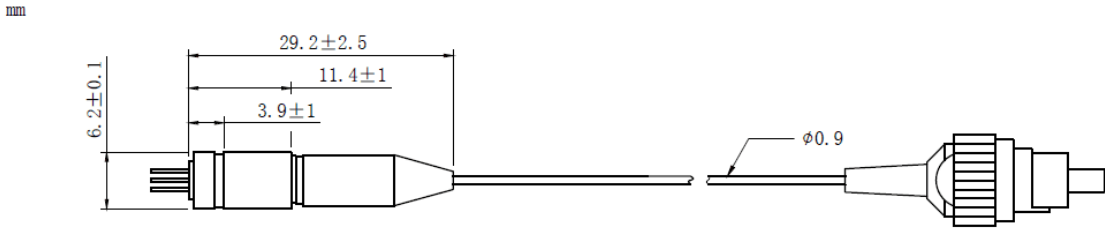


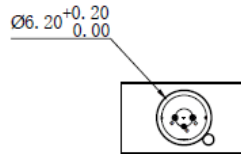
980nm 10mW SM Coaxial Pigtailed Laser Diode with 9um Fiber | Built-in Photodiode
976nm~980nm SM Fiber Coupled LD with 9um SMF-28 Fiber | With PD
RWLP-980-010m-9-PD

980nm Pigtailed Diode Laser		10mW/9um Fiber	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+40	°C
Storage Temperature	T_{stg}	-40~+85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: <ul style="list-style-type: none"> ● 976nm ● 9um Fiber ● Coaxial or B82 Package ● Built-in PD 			
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Sensor ● Others 			
Specifications	RWLP-980-010m-9-PD		
	Min	Type	Max
Center Wavelength@25°C	976nm±15nm		
Recommended Operating Temperature	25°C		
Output Power	----	10mW	----
Fiber Type	SMF-28		
Fiber Core	9um		
Monitor Current	----	0.2mA	----
PD Reverse Voltage	----	----	30V
Fiber Connector	FC/SC/SMA905		
Fiber Length	>80cm		
Threshold Current (Typ.)	----	10mA	25mA
Operating Current (Typ.)	----	55mA	65mA
Operating Voltage	----	1.6V	2.1V
Package Style	Coaxial or B82		
Photodiodes	Built-in		

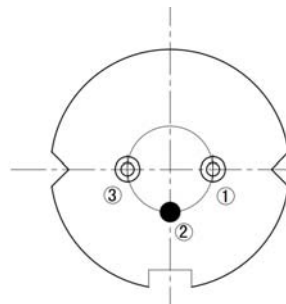
Coaxial Package View: (Part Number: RWLP-980-010m-9-PD)



B82 Package View: (Part number: RWLP-980-010m-9-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.

