
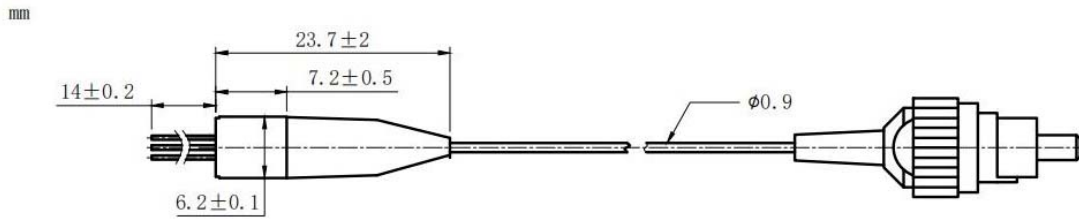


1550nm 2mW~3mW DFB Coaxial Pigtailed Laser Diode with 9um SMF
1550nm SM Fiber Coupled LD with Single Mode Fiber (SM Fiber)
WSLP-1550-003m-9-DFB
Wavespectrum Laser Group
en.wavespectrum-laser.com.cn

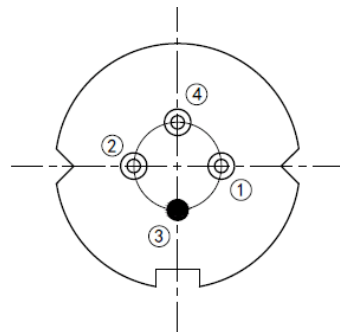
PARAMETER	SYMBOL	VALUE	UNIT	
LD Reverse Voltage	V_r	2.0	V	
PD Reverse Voltage	$V_{r(PD)}$	15	V	
Operating Temperature	T_{op}	-40~+85	°C	
Storage Temperature	T_{stg}	-40~+100	°C	
Lead soldering temperature (10 sec.)	T_{is}	260	°C	
Features: <ul style="list-style-type: none"> ● 1550nm ● DFB Laser Diode ● Built-in Photodiodes ● 9um SM Fiber ● Isolation Optional ● Coaxial/Receptacle Package 				
Applications: <ul style="list-style-type: none"> ● Test Equipments ● Optical Transmitter of Analog Signal ● Optical Transmitter of Data Signal 				
Specifications		WSLP-1550-003m-9-DFB		
		Min	Type	Max
Center Wavelength@25°C		±3nm	1550nm	±10nm
Laser Type		DFB		
Output Power		2mW	3mW	----
Fiber Core		9um SM Fiber		
Threshold Current (Typ.) I_{th}		----	5mA	15mA
Operating Current		----	30mA	35mA
Operating Voltage		----	1.3V	1.6V
Spectral Width(FWHM)		----	----	2nm
SMSR		----	35dB	----
Monitor Current		0.1mA	----	----
PD Capacitance		----	10pF	20pF
PD Dark Current		----	----	0.1uA
Package Style		Coaxial (Receptacle Optional)		
Recommended Operation Temperature		25°C		
Connector		FC/SC/SMA905		



Coaxial Package View:



Pin Bottom View (A-Type)



PIN 1	PD (+)
PIN 2	LD (-)
PIN 3	LD (+), CASE
PIN 4	PD (-)

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

