
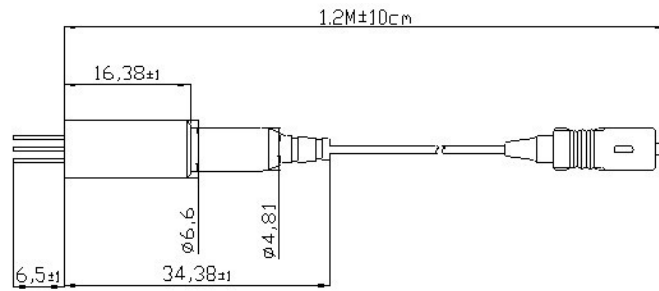
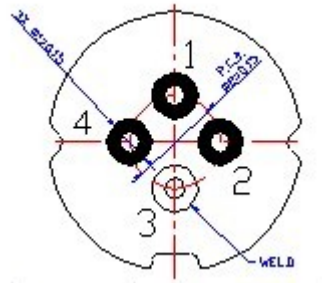


PARAMETER	SYMBOL	VALUE	UNIT	
LD Reverse Voltage	V_r	2.0	V	
PD Operating Current	$I_{f(PD)}$	2.0	mA	
PD Reverse Voltage	$V_{r(PD)}$	15	V	
Operating Temperature	T_{op}	-10 ~ +85	°C	
Storage Temperature	T_{stg}	-40 ~ +85	°C	
Lead soldering temperature (10 sec.)	T_{is}	260	°C	
Features: <ul style="list-style-type: none"> ⊗ 1550nm ⊗ DFB Laser Diode ⊗ Built-in Monitor ⊗ 9um Fiber Core ⊗ 3mw output power ⊗ Isolation Optional ⊗ 1.25Gb/s , 2.5Gb/s Optional ⊗ Coaxial/Receptacle package 				
Applications: <ul style="list-style-type: none"> ⊗ Test Equipments ⊗ Optical Bidi Module and Optical Receiver ⊗ Optical Transmitter of Analog Signal ⊗ Optical Transmitter of Data Signal 				
Specifications				
		Min	Type	Max
Center Wavelength@25°C		1530nm	1550nm	1570nm
Laser Type		DFB		
Output Power		----	3mW	----
Fiber Core		9um		
Threshold Current (Typ.) I_{th}		5mA	----	15mA
Operation Current $I_{(op)}$		----	32mA	----
Forward Voltage			1.1V	1.6V
Monitor Current		0.1mA	----	----
PD Capacitance		----	10pF	15pF
PD Dark Current		----	----	0.1uA
Side Mode Suppression Ration		30dB	35dB	----
Package Style		Pigtail		Receptacle
Data Rate		1.25Gb/s		2.5Gb/s
Isolation		with		without
Connector Pin		TypeA		TypeB
Fiber Connector		FC/SC/ST/LC/MU		

Coaxial Package View



Bottom View



TYPE A
PIN ASSIGNMENT:

1	PD Cathode
2	PD Anode
3	LD Anode, GND
4	LD Cathode

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

