
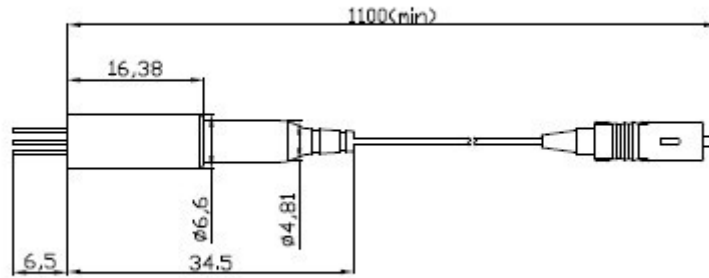


830nm 10mw Coaxial Pigtailed LD with Polarization Maintaining Fiber
830nm SM Fiber Coupled Laser Diode with PMF
WSLP-830-010m-PM-PD

830nm Pigtailed Diode Laser		10mW/PM Fiber		Wavespectrum Laser, Inc	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V_r	2.0		V	
Operating Temperature	T_{op}	-10 ~ +40		°C	
Storage Temperature	T_{stg}	-10 ~ +85		°C	
Lead soldering temperature (10 sec.)	T_{is}	260		°C	
Features: <ul style="list-style-type: none"> ● 830nm ● PM Fiber ● Coaxial package ● Built-in PD 					
Applications: <ul style="list-style-type: none"> ● Medical laser treatment ● Sensor 					
Specifications		WSLP-830-010m-PM-PD			
		Min	Type	Max	
Center Wavelength@25°C		820nm	830nm	840nm	
Spectral Width (FWHM)		----	----	----	
Output Power		----	10mw	----	
Fiber Core		PM Fiber			
Slope Efficiency		0.7mW/mA	0.9mW/mA	----	
Monitor Current		----	0.1mA	----	
PD Reverse Voltage		----	30V	----	
Fiber Connector		FC/ST/SMA905			
Fiber Length		----	80cm	100cm	
Threshold Current (Typ.)		----	25mA	35mA	
Operating Current (Typ.)		----	80mA	110mA	
Operating Voltage		----	1.8V	2.3V	
Package Style		Coaxial			

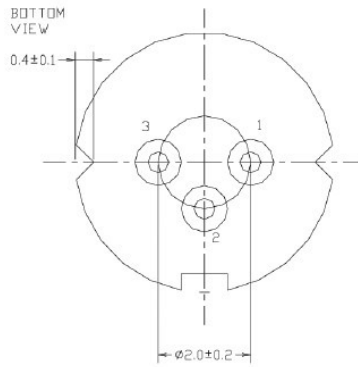


Coaxial Package View



单位: mm

PIN Bottom View:



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

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

