


500nm~505nm 10mW SM Coaxial Fiber Coupled Laser Diode with SMF | Green LD Module
505nm~510nm 10mW SM Pigtailed LD with Single Mode Fiber (SM Fiber)
RWLP-505-010m-4

505nm Pigtailed Diode Laser		10mW/SM Fiber	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+60	°C
Storage Temperature	T_{stg}	-40~+85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: <ul style="list-style-type: none"> 🔦 505nm Green Diode Laser 🔦 3um SM Fiber 🔦 Coaxial or B82 Package 			
Applications: <ul style="list-style-type: none"> 🔦 Medical Laser Treatment 🔦 Others 			
Specifications	RWLP-505-010m-4		
	Min	Type	Max
Center Wavelength@25°C	+/-5nm	505nm	+/-10nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	10mW	----
Fiber Type	Single Mode Fiber		
Fiber Core	3um		
Recommend Operating Temperature	25°C		
Fiber Connector	FC/SC/SMA905		
Fiber Length	----	80cm	100cm
Threshold Current	----	50mA	90mA
Operating Current	----	180mA	200mA
Operating Voltage	----	7.5V	8.0V
Package Style	Coaxial or B82		

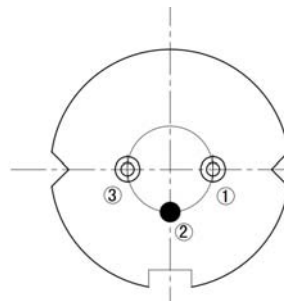
Coaxial Package View: (Part Number: RWLP-505-010m-4)



B82 Package View: (Part Number: RWLP-505-010m-4-B)



PIN Bottom View:



1	LD(+)
2	GND
3	LD(-)

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

