


445nm~450nm 50mW~60mW Coaxial Pigtailed Laser Diode with 9um SMF-28 Fiber| Blue LD
445nm | Blue Laser Diode | 450nm Fiber Coupled LD| 9um SM Fiber
RWLP-445-050m-9

445nm Pigtailed Diode Laser 50mW/9um			
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+70	°C
Storage Temperature	T_{stg}	-40~+85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: <ul style="list-style-type: none"> ● 450nm ● 9um Fiber ● Coaxial or B82 Package 			
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Printing ● Others 			
Specifications	RWLP-445-050m-9		
	Min	Type	Max
Center Wavelength@25°C	440nm	450nm	460nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	50mW	----
Fiber Core	9um		
Recommend Operating Temperature	25°C		
Monitor Current	----	----	----
PD Reverse Voltage	----	----	----
Fiber Connector	FC/SC/SMA905		
Fiber Length	>80cm		
Threshold Current	----	20mA	55mA
Operating Current	----	100mA	120mA
Operating Voltage	----	6.0V	7.0V
Package Style	Coaxial or B82		

Coaxial Package View: (Part Number: RWLP-445-050m-9)



B82 Package View: (Part Number: RWLP-445-050m-9-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.

