
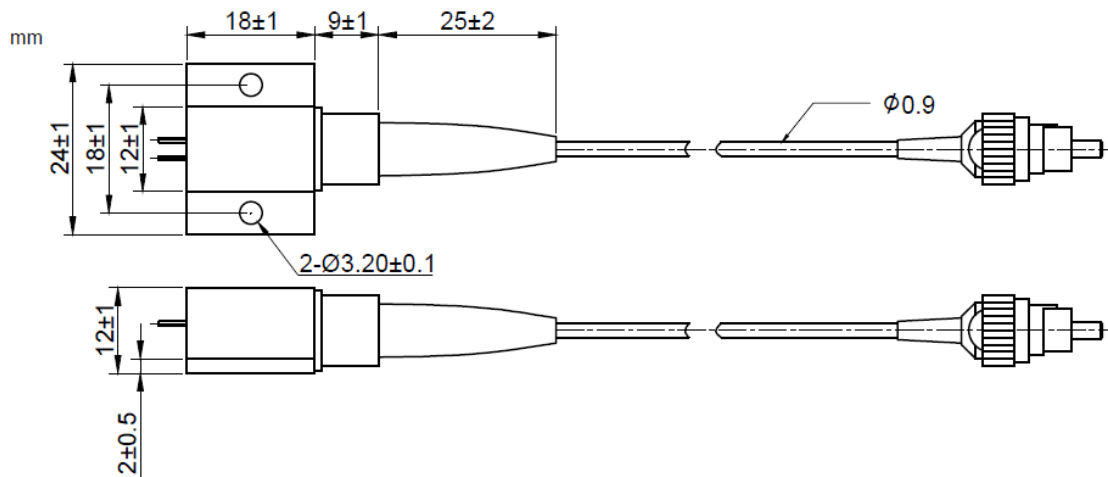


455nm 4W Fiber Coupled Diode Laser Module| TEC Cooling Optional | Blue Laser Diode
450nm~455nm 4W Pigtailed Laser Diode| 200um, 400um MM Fiber| Built-in PD Optional
RWLP-455-004-200M

455nm Pigtailed Diode Laser		4W/MM Fiber	
PARAMETER	SYMBOL	VALUE	UNIT
MAX Reverse Current	I_r	80	mA
Operating Temperature	T_{op}	0~ +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"> ● 455nm ● B9 Package ● TEC Cooling Optional ● Photodiodes Optional 			
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Laser Show ● Others 			
Specifications	RWLP-455-004-200M		
	Min	Type	Max
Center Wavelength@25°C	455nm±10nm		
Spectral Width (FWHM)	----	3.0nm	----
Output Power	----	4W	----
Fiber Type	Multi-mode Fiber		
Fiber Core	200um (400um Optional)		
Recommended Operating Temperature	25°C		
Fiber Connector	FC/ST/SMA905		
Fiber Length	>80cm		
Threshold Current (Typ.)	----	0.3A	0.6A
Operating Current (Typ.)	----	3.5A	3.7A
Operating Voltage	----	4.5V	5.5V
Package Style	B9		
Built-in Photodiode	Optional		
Built-in TEC Cooling	Optional		

B9 Package View:



PIN Bottom View:



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

