

Typical Device Performance (25°C)

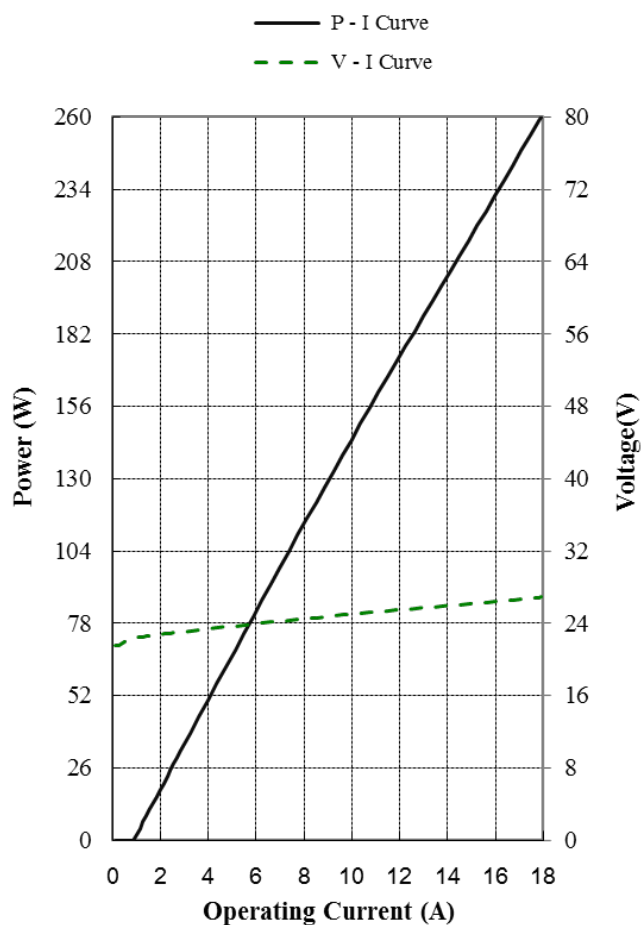
	Unit	Typical Value
Optical		
CW Output Power	W	260
Center Wavelength	nm	915±10
Spectral Width (90% of Power)	nm	<8.0
Wavelength Shift with Temperature	nm / °C	0.35
Electrical		
Threshold Current	A	0.85
Operating Current	A	19
Operating Voltage	V	26.9
Slope Efficiency	W / A	15.2
Power Conversion Efficiency	%	52
Fiber*		
Fiber Core Diameter	μm	200
Fiber Cladding Diameter	μm	220
Fiber Buffer Diameter	μm	330
Numerical Aperture	-	0.22
Fiber Length	m	2.0
Fiber connector	-	SMA905,FC

* Customized fiber and connector available.

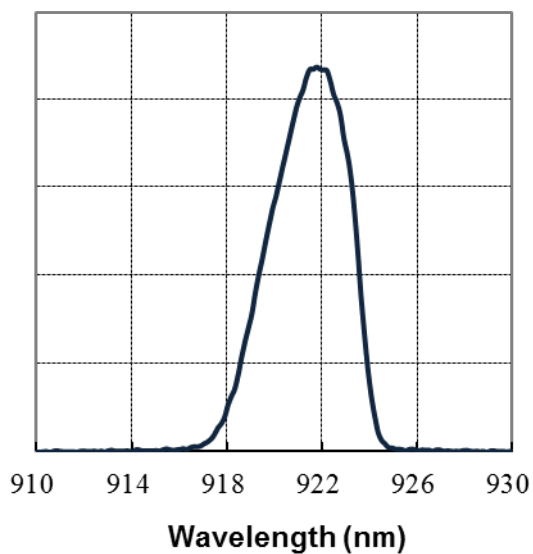
Absolute Ratings

	Unit	Min	Max
Operating Temperature	°C	10	40
Operating Relative Humidity	%	-	75
Storage Temperature	°C	-20	80
Storage Relative Humidity	%	-	90
Lead Soldering Temperature, 10 s max	°C	-	250

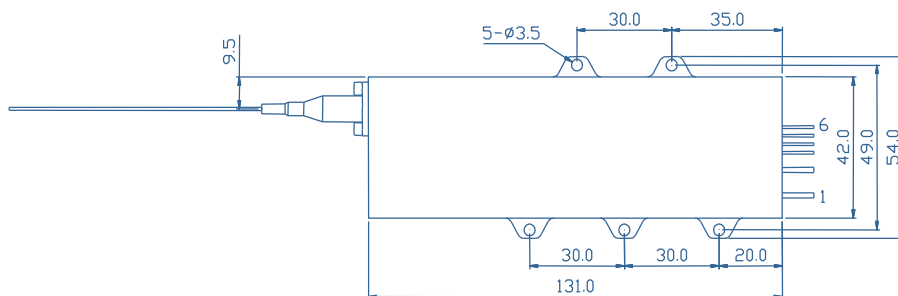
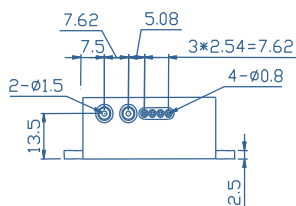
Characteristics of 915nm-260W laser diode module (25°C)



Typical spectrum of 915nm-260W laser diode module (25°C)

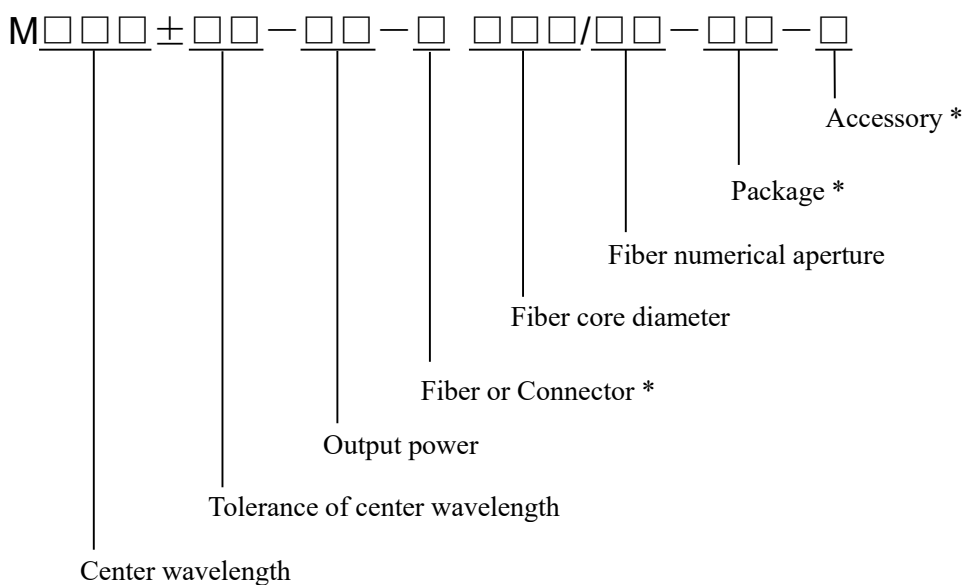


Package Dimensions (mm)



Pin-Out Assignment	
Pin	Function
1	LD (-)
2	LD (+)
3	PD (N)
4	PD (P)
5	Thermistor
6	Thermistor

Type Definition



* Accessory: T – TE cooler, A – Aiming laser, P – Monitor photodiode, K – Fiber connector detector

* Package: R2, T1, T2, T3, T4, T4S, T4T, T6, G4, C1, CD, D1.....

* Fiber or Connector: F – Fiber output, D – Detachable connector

