

Typical Device Performance (25°C)

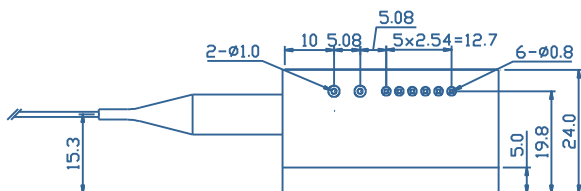
	Unit	Typical Value
Optical		
CW Output Power	W	4
Center Wavelength	nm	638±10
Electrical		
Threshold Current	A	0.2
Operating Current	A	0.8
Operating Voltage	V	20
TEC		
Operating Voltage Max	V	19.6
Operating Current Max	A	6.0
Fiber*		
Fiber Core Diameter	μm	105
Fiber Cladding Diameter	μm	125
Fiber Buffer Diameter	μm	250
Numerical Aperture	-	0.22
Fiber Length	m	1.0

* Customized fiber and connector available.

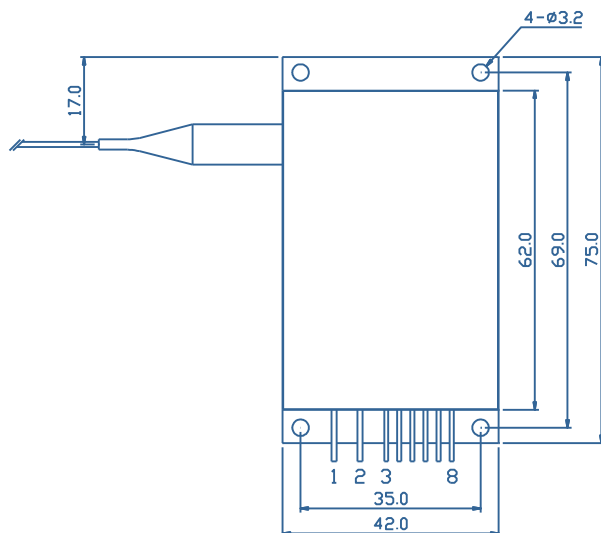
Absolute Ratings

	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

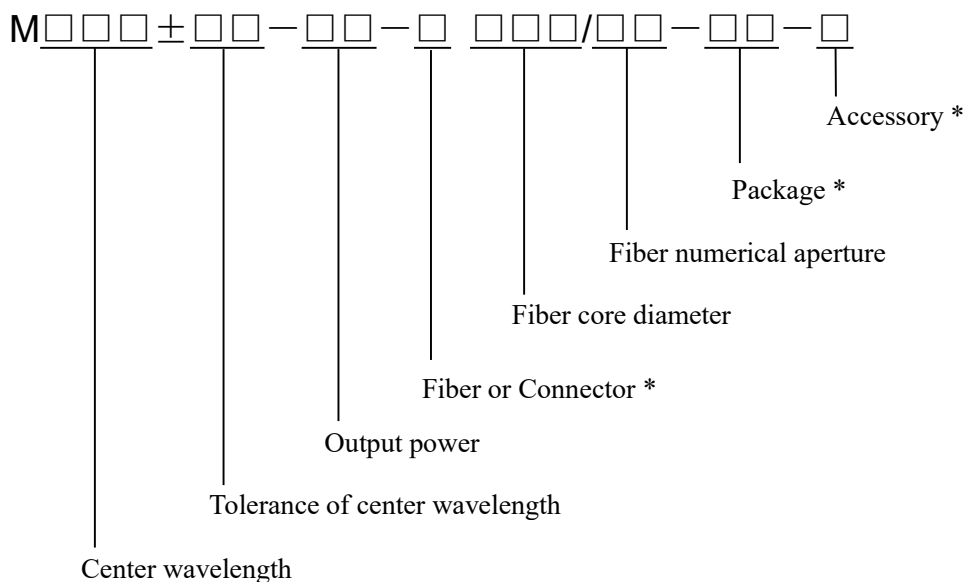
Package Dimensions (mm)



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



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

