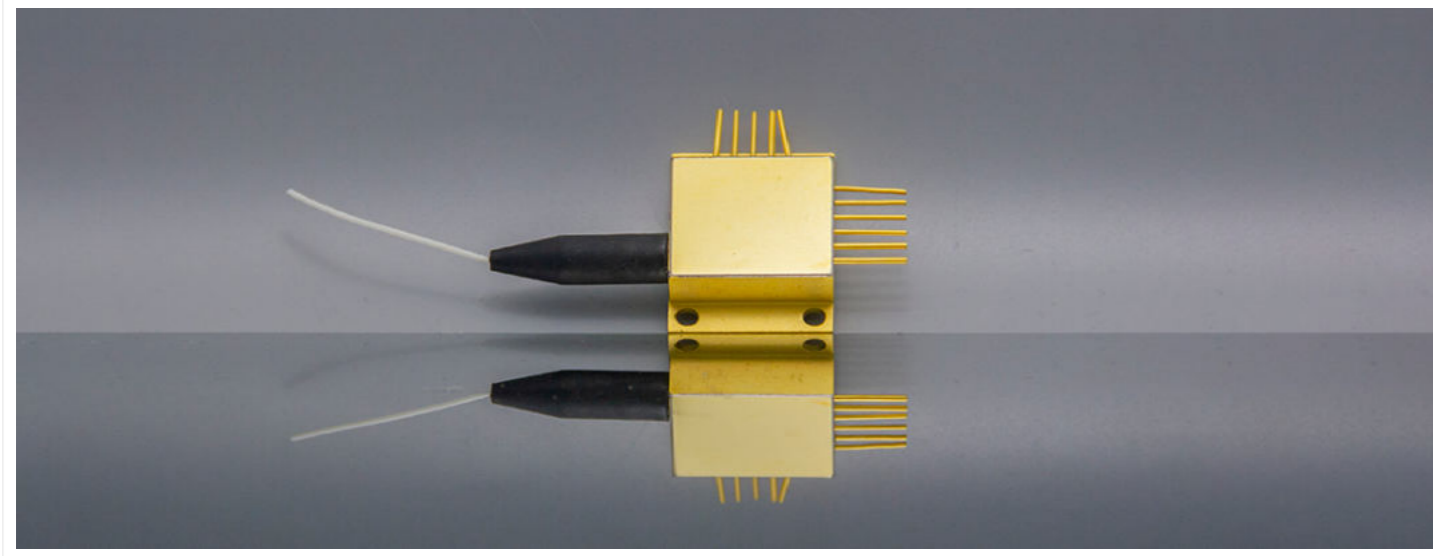
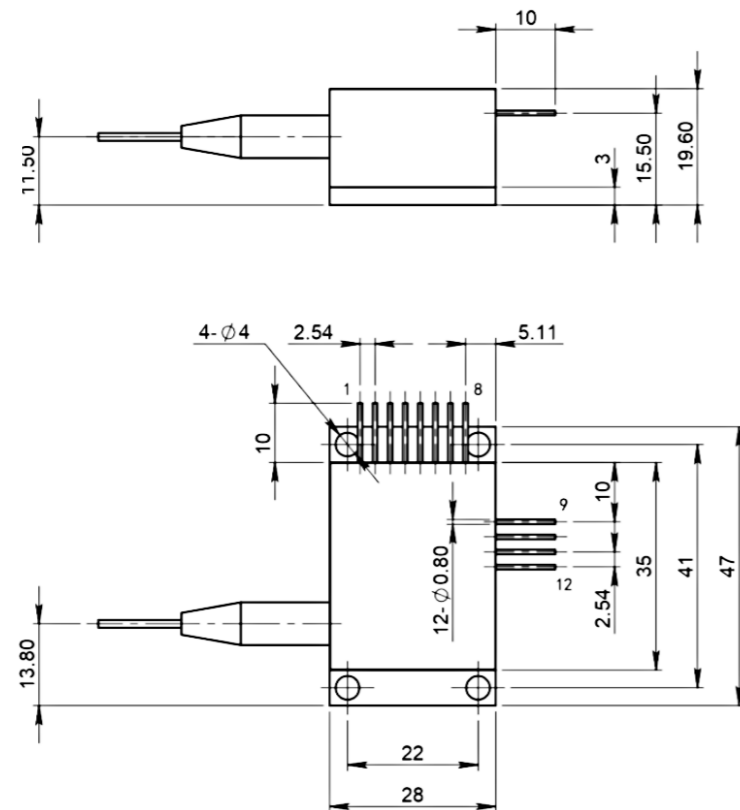
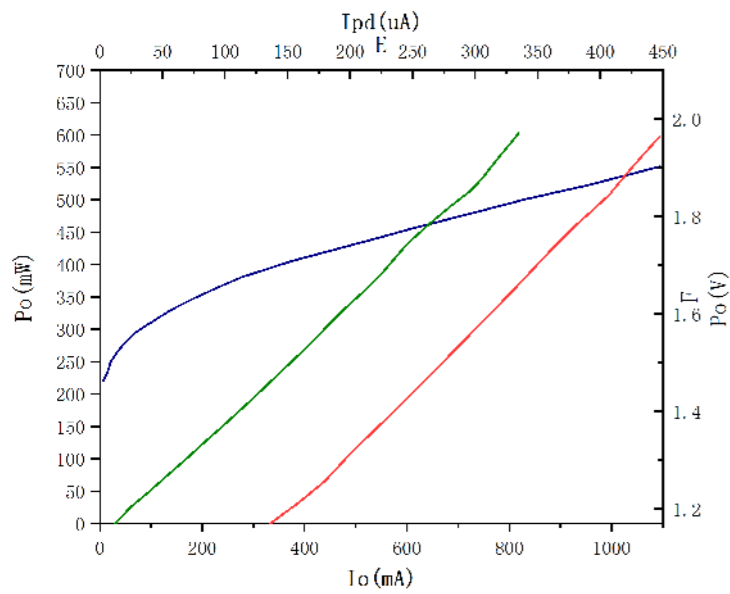


# 784/785nm Dual Wavelength And Narrow Linewidth Packaging Module of DWM Series



**MECHANICAL DIMENSION DRAWING (mm)**



Pin	Function	Pin	Function
1	Laser 1 (+)	7	Thermistor
2	Laser 1 (-)	8	Freezer (+)
3	Laser 2 (+)	9	PD (N)
4	Laser 2 (-)	10	PD (P)
5	Thermistor	11	-
6	Cooler(-)	12	-

## FEATURES

- Small and compact system
- Includes slow-start, short-circuit protection

## APPLICATIONS

- Holographic detection
- Granularity measurement
- Laser guidance
- Optical experiment

Mode	CL784785-0.5-600600mW-DWM001	
Optical Parameter	Continuous Output Power (mW)	600 (Each wavelength)
	Center Wavelength (nm)	784/785
	Spectral Width (nm)	<0.1
	Characteristics of Wavelength With Temperature (nm/°C)	0.01
Electrical Parameter	Threshold Current (mA)	0.4
	Operating Current (mA)	1.2
	Operating Voltage (V)	2
	Differential Efficiency (W/A)	0.7
	PD Current (μA)	<2000
	Thermistor Parameters (kΩ/β(25°C))	10±5%/3450
	TEC Maximum Current (A)	2.2
Optical Fiber Parameter	TEC Maximum Voltage (V)	8.7
	Fiber Diameter (μm)	105
	Fiber Cladding Diameter (μm)	125
	Fiber Coating Diameter (μm)	250
	Numerical Aperture	0.22
	Fiber Length	100±10 (Other lengths can be customized)
Other Parameter	Connector	FC/PC, ST, SMA905
	Operating Temperature (°C)	10-30
	Operating Relative Humidity (%)	75
	Storage Temperature (°C)	-20~70
	Storage Relative Humidity (%)	90
	Pin Soldering Temperature, Max (°C)	250(10 Sec.)

