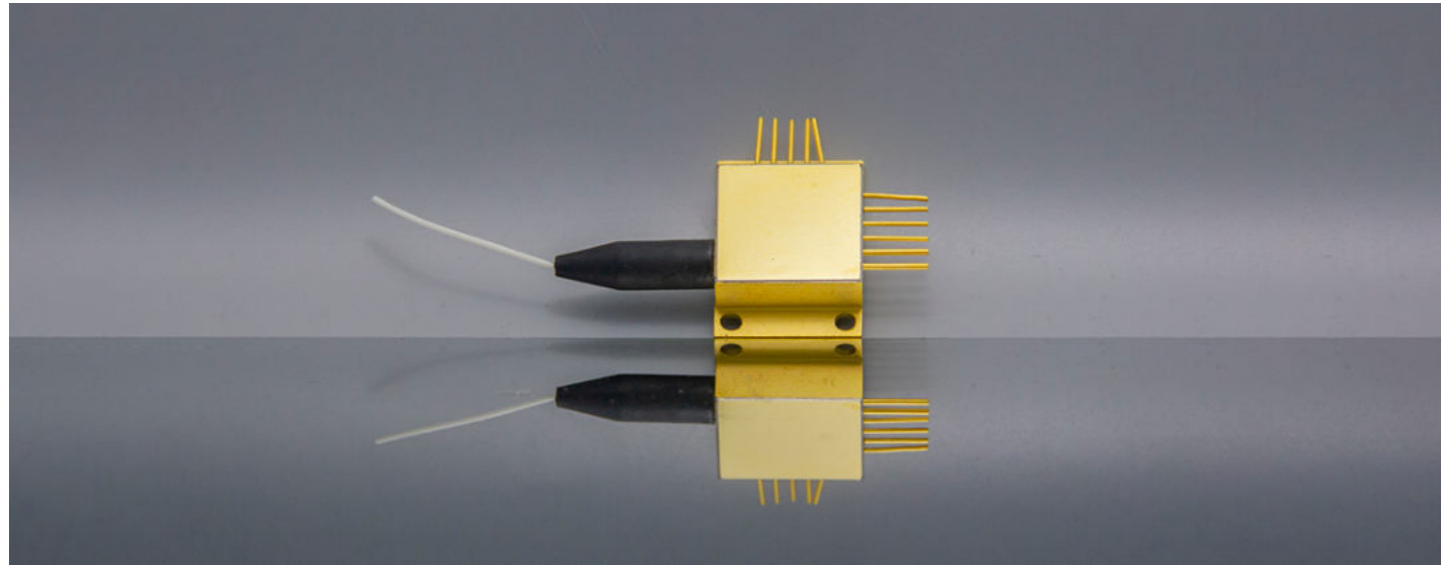


# 785/830nm Dual Wavelength and Narrow Linewidth Packaging Module of DWM Series



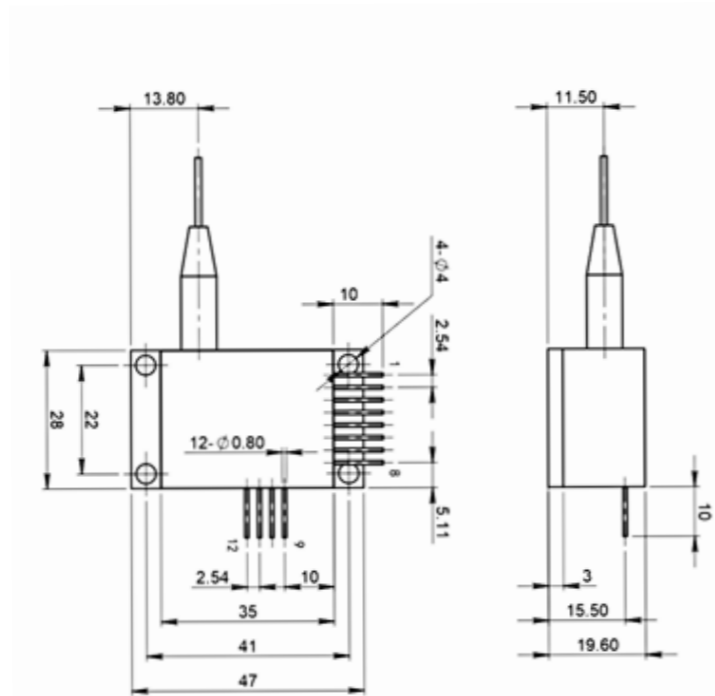
## FEATURES

- Multiple wavelength combinations available
- Temperature drift  $<0.007\text{nm} / ^\circ\text{C}$ , VBG wave lock
- Excellent power stability

## APPLICATION

- Research applications
- Spectrum detection

## OUTLINE SIZE(mm)



## PARAMETERS

Mode	CL785/830-0.5-600/600mW-DWM002		
Optical Parameter	Continuous Output Power (mW)	600 (Each wavelength)	
	Center Wavelength (nm)	785                      830	
	Spectral Width (nm)	<0.1	
	Characteristics of Wavelength With Temperature (nm/°C)	0.01	
Electrical Parameter	Threshold Current (A)	0.4	
	Operating Current (A)	1.2	
	Operating Voltage (V)	2                              1.8	
	Differential Efficiency (W/A)	0.7                              0.8	
	PD Current (μA)	<2000	
	Thermistor Parameters (kΩ/β(25°C))	10±5%/3450	
	TEC Maximum Current (A)	2.2	
	TEC Maximum Voltage (V)	8.7	
	Optical Fiber Parameter	Fiber Diameter (μm)	105
		Fiber Cladding Diameter (μm)	125
Fiber Coating Diameter (μm)		250	
Numerical Aperture		0.22	
Other Parameter	Fiber Length (cm)	100±10 (Other lengths can be customized)	
	Connector	FC/PC, SMA905	
Other Parameter	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.)	

