



LDM-450-9

Typical Device Performance (25°C)

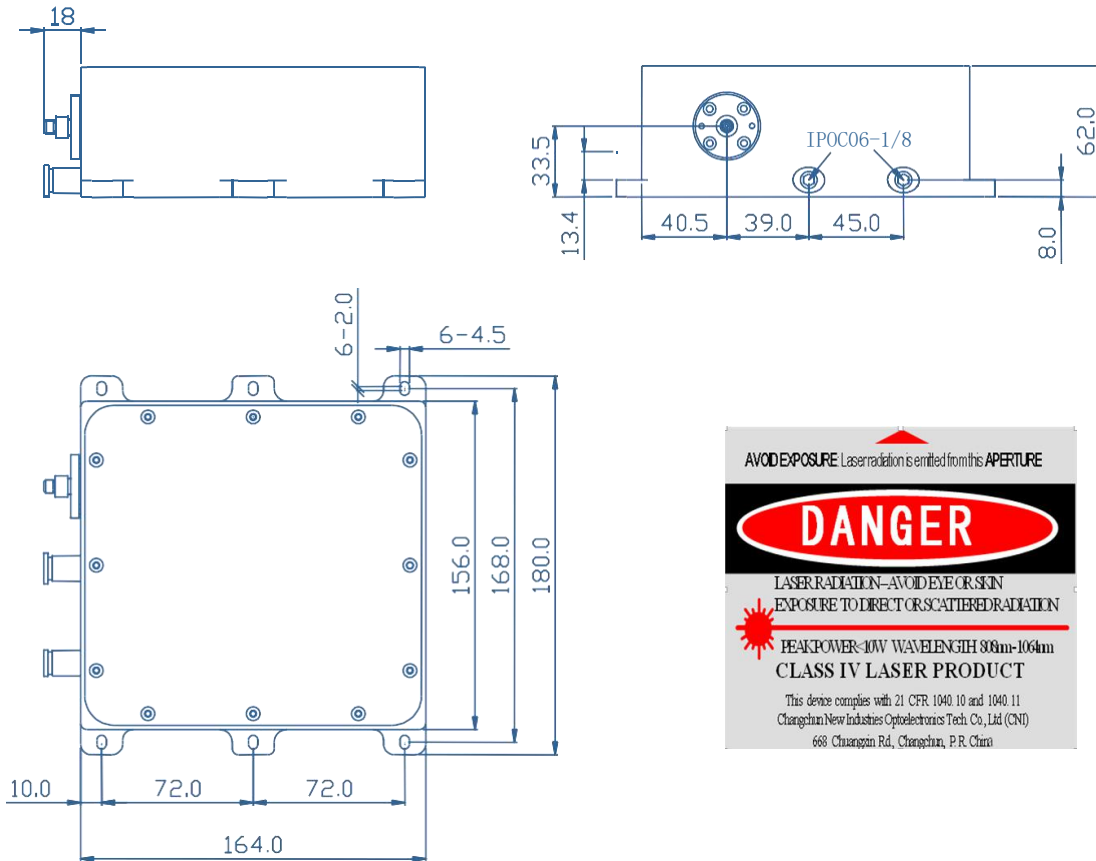
Optical	Unit	Typical Value
CW Output Power	W	9
Center Wavelength	nm	450±10
Spectral Width (90% of Power)	nm	4
Wavelength Shift with Temperature	nm / °C	0.3
Electrical		
Threshold Current	A	0.73
Operating Current	A	2.7
Operating Voltage	V	13.5
Slope Efficiency	W / A	4.5
Power Conversion Efficiency	%	24.7
Fiber		
Fiber Core Diameter	μm	200
Fiber Cladding Diameter	μm	220
Fiber Buffer Diameter	μm	500
Numerical Aperture	-	0.22
Fiber Length	m	1.0
Fiber connector		SMA905

*3 groups of LD assembled inside the module, 2.5A current and 27v voltage operating of each group.

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)



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