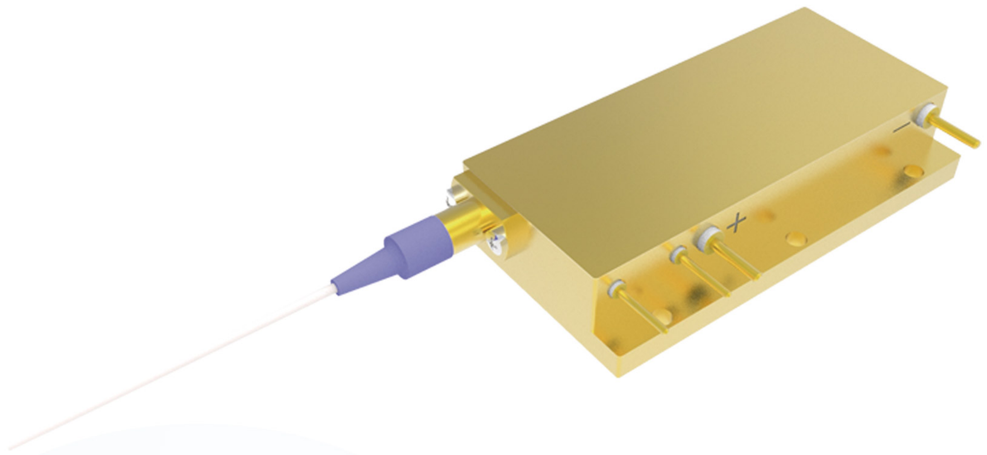
Fiber Coupled Module – M9-V



Application

Pump

R&D

Features

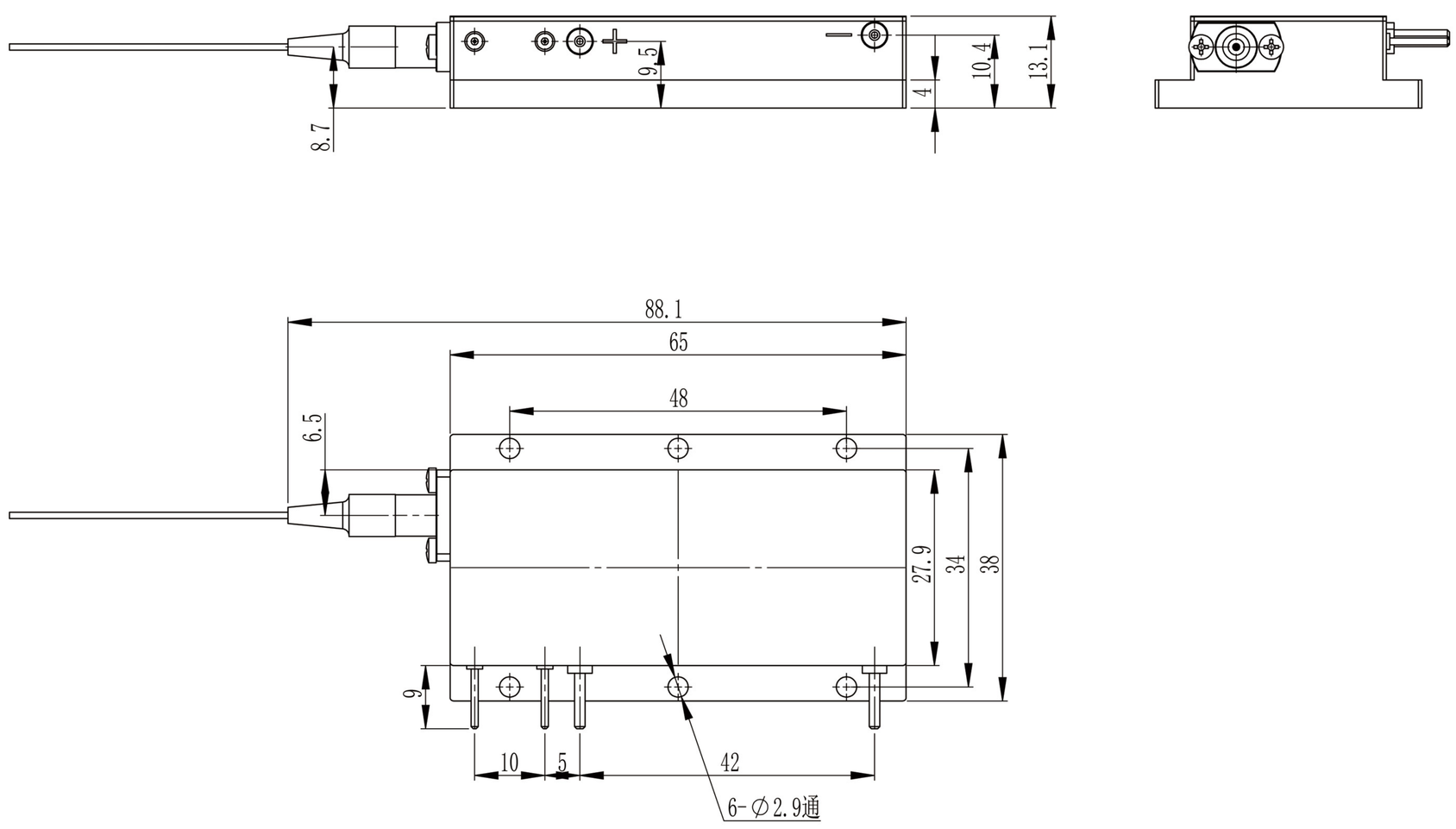
Stabilized Wavelength

Narrow Linewidth

High Brightness

Long lifetime

Wide Wavelength Loading Range



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M Serial - M9-V		Item Number[1] EB-FCP-M9V-065-400-0880-0.5		
Parameter	Unit	Min	Type	Max
Optical[2]				
Center Wavlength	nm	878.1	878.6	879.1
Wavelength Tolerance	nm		±0.5	
Output Power[4]	W		65	
Spectral Width (FWHM)	nm		<0.5	
Numerical Aperture	NA		0.17	0.18
Fiber Core	μm		400	
Fiber Connector	-		SMA905	
Fiber Length	m		2m (Optional)	
Electrical[2]				
Power Conversion Efficiency	%	43	46	
Slope Efficiency	W / A	6.8	7.5	
Thershold Current	A		1.4	
Operating Current	A		10	11
Operating Voltage	V		14.2	15.5
Thermal				
Operating Temperature[3]	℃	15	25	35
Storage Temperature[3]	℃	-40		80
Wavelength Temperature Coefficient	nm / ℃		0.02	0.05
Others				
Anti Reflection Wavelength Range	nm		1030~1200	
Reflection Efficiency	dB		30	
Soldering Temperature	℃		260 (10 sec)	
Notes				
1. Explanation of Item Number: EB (Everbright In Short) - FCP (Fiber Coupled Module) - M9V(Product Serial, Wavelength Stabilized) - 065 (Output Power is 65W) - 400 (Fiber Core is 400μm) - 0880 (Center Wavelength is 880nm) - 0.5 (Wavelength Tolerance is ±0.5nm)				
2. Above Data Test at 25℃, Unless otherwise stated.				
3. Please avoid operation and storage in the condensation enviroment. If exceed operating temperature, the device lifetime will be inpacted.				
4. Lifetime reduced if exceed nominal output power.				
Version: MK05-1807B-R01				

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