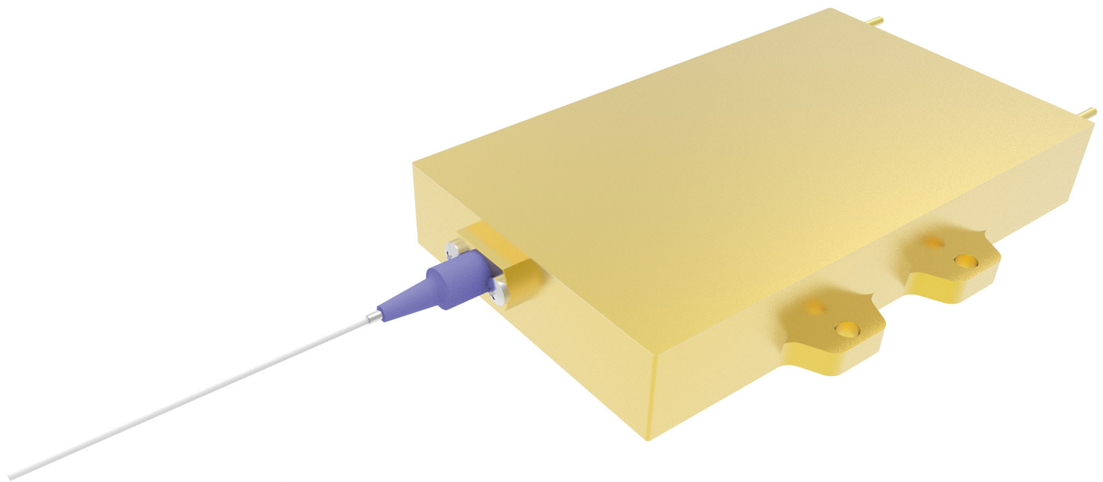
Fiber Coupled Module – M18H



Application

Pump

R&D

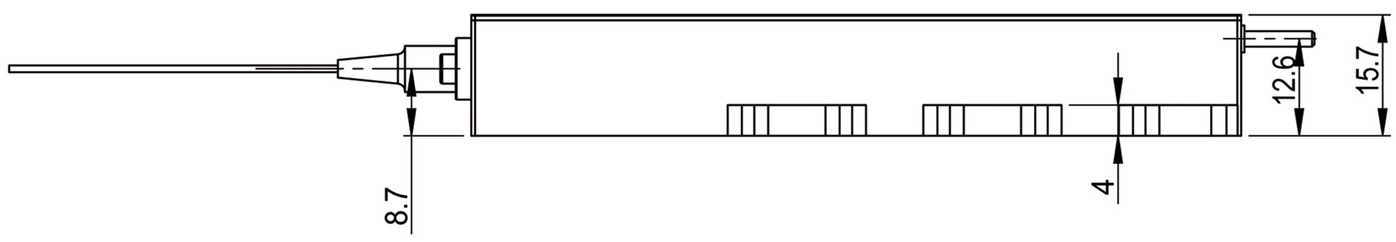
Features

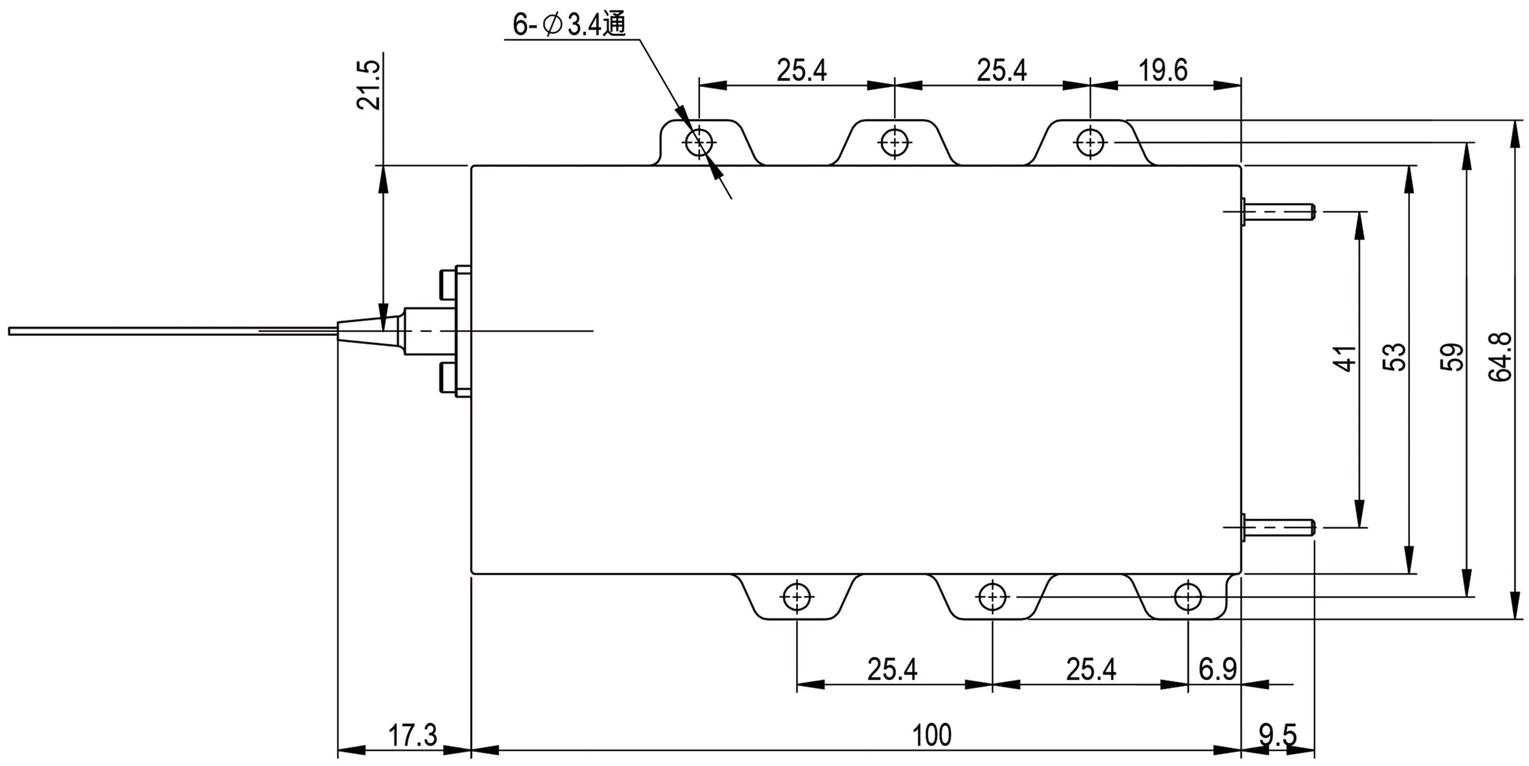
Multi-Single Emitters

Narrow Linewidth

High Efficiency

Long lifetime





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M Serial - M18H		Item Number[1] EB-FCP-M18H-XXX-XXX-0915-10	
Parameter	Unit		
Optical[2]			
Center Wavlength	nm	915	
Wavelength Tolerance	nm	±10	
Output Power[4]	W	260	280
Spectral Width (FWHM)	nm	5	
Numerical Aperture	NA	0.16	0.17
Fiber Core	μm	135	200
Fiber Connector	-	Pigtail	
Fiber Length	m	2m (Optional)	
Electrical[2]			
Power Conversion Efficiency	%	52	
Thershold Current	A	1.2	
Operating Current	A	20	21
Operating Voltage	V	28	
Thermal			
Operating Temperature[3]	℃	25	
Storage Temperature[3]	℃	-20~80	
Wavelength Temperature Coefficient	nm / ℃	0.32	
Others			
Anti Reflection Wavelength Range	nm	1030-1200	
Reflection Efficiency	dB	>25	
Soldering Temperature	℃	260 (10 sec)	
Notes			
1. Explanation of Item Number: EB (Everbright In Short) - FCP (Fiber Coupled Module) –M18H (Product Serial, is M18H) -XXX (Output Power is XXXW) - XXX (Fiber Core is XXXμm) - 0915 (Center Wavelength is 915nm) - 10 (Wavelength Tolerance is ±10nm)			
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: MK15-1807B-R02			

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Notice：Everbright keep improving its products to provide our customers with outstanding quality and reliability. We may change the specification and product description without notice at any time . For complete details, please contact Everbright sales representative.