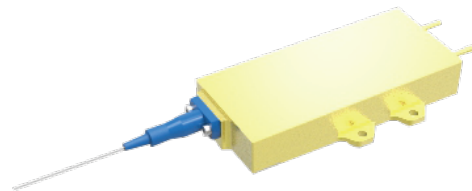


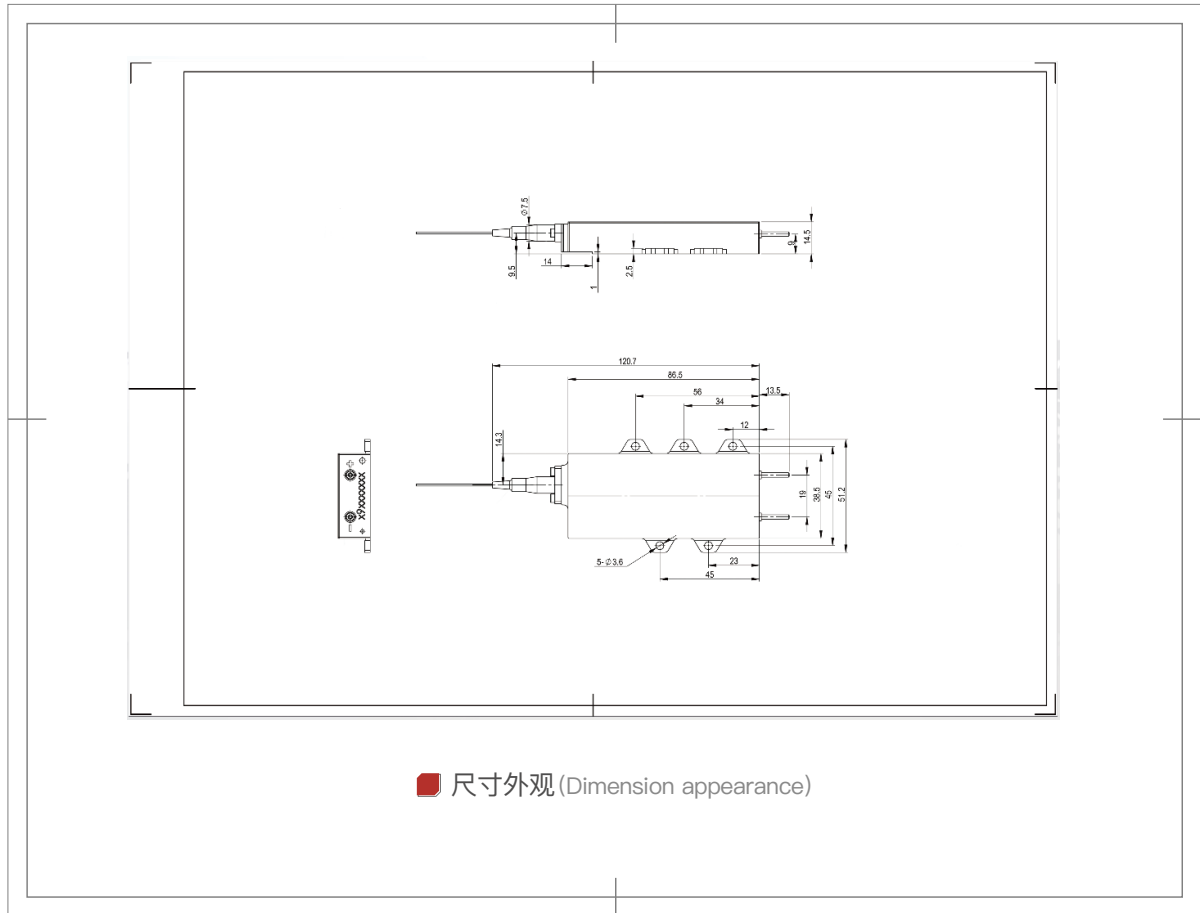
EB-FCP-130-105-0976V



	单位 Unit	最小值 Min	典型值 Typ	最大值 Max
光学性能 /Optical				
中心波长 /Center Wavelength	nm		976	
中心波长偏差 /Wavelength Tolerance	nm		±0.5	
输出功率 /Output Power	W	130		
光谱宽度 (FWHM)/Spectral Width (FWHM)	nm		0.5	0.8
光纤数值孔径 /Numerical Aperture	-		0.15	0.16
光纤芯径 /Fiber Core	um		105	
光纤接头 /Fiber Connector	-		Pigtail	
光纤长度 /Fiber Length	m		2	
电学性能 /Optical				
光电转换效率 /Power Conversion Efficiency	%	48	51	
阈值电流 /Threshold Current	A		0.6	
工作电流 /Operating Current	A		14	14
工作电压 /Operating Voltage	V		20.5	22
热学性能 /Thermal				
工作温度 /Operating Temperature	°C		20~30	
存储温度 /Storage Temperature	°C		-40~65	
波长温度系数 /Wavelength Temperature Coefficient	nm / °C		0.02	0.05
其他 /Others				
防反射波长范围 /Anti Reflection Wavelength Range	nm		1040~1200	
防反射效率 /Reflection Efficiency	dB		30	
焊接温度 /Soldering Temperature	°C		260 (10 sec)	

备注 /Remarks

- 1.Explanation of Item Number: EB (Everbright In Short) - FCP (Fiber Coupled Module) - 130 (Output Power) - 105 (Fiber Core) - 0976V (Center Wavelength is 976nm,Wavelength Stabilized)
- 2.Above Data Test at 25°C, 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.



应用领域 / Application Area



科研高性能光纤激光器泵浦
R&D high performance fiber laser pumping

产品特点 / Product Features



全功率范围内波长锁定
Full range wavelength locking



输出高亮度, 高功率
High brightness, High power



高电光转换效率
High E-O conversion efficiency



轻量化设计
Excellent SWaP



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