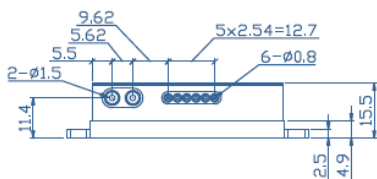
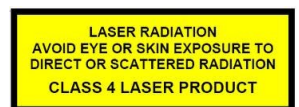
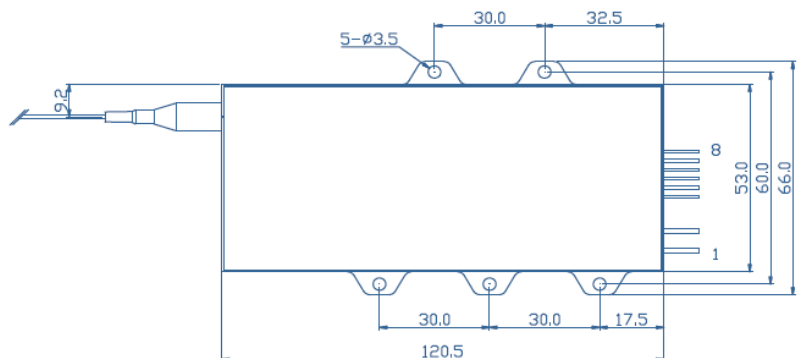
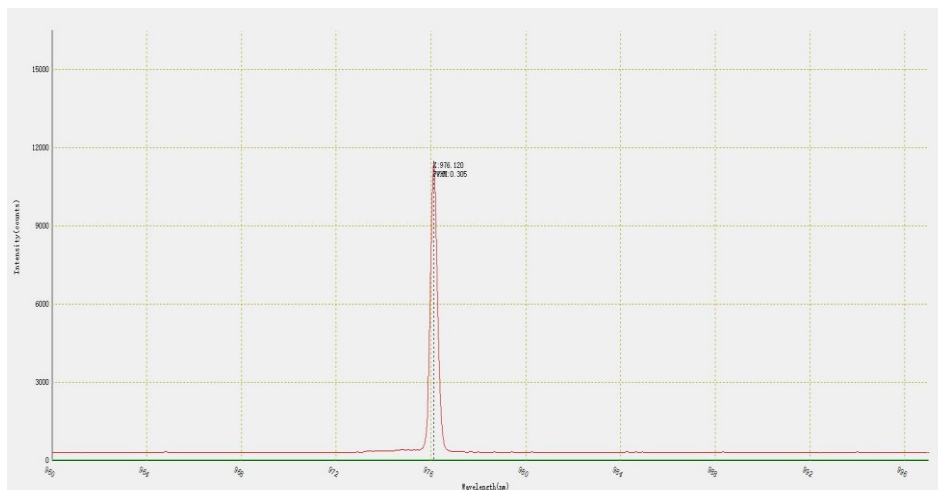
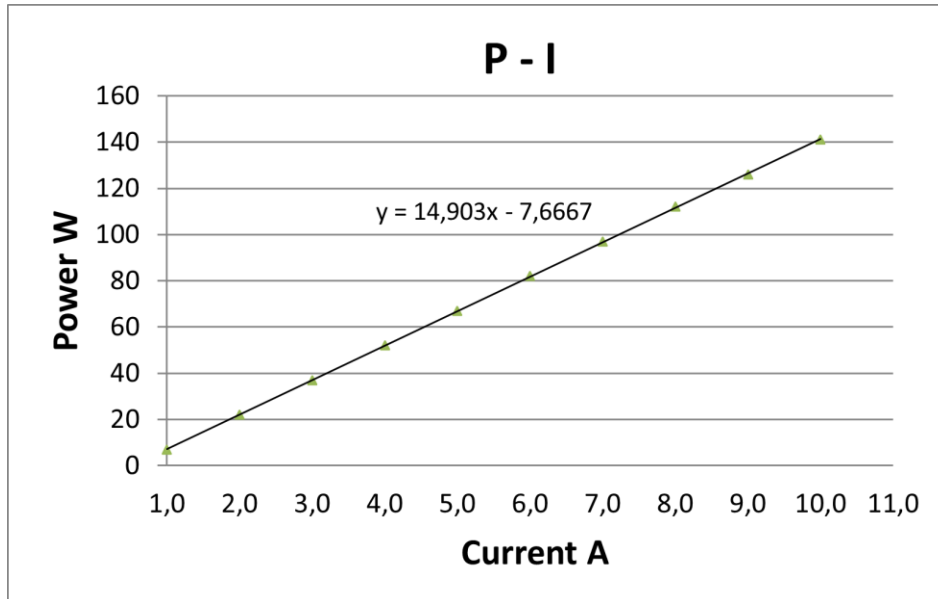


Model		M976±0.5-140-F105/22-DK-P		
Optical	Unit	Min	Typical	Max
Output power (exit fiber)	W	135	140	
Central wavelength	nm	975.0	976.0	977.0
Spectral width (FWHM)	nm			1.0
Wavelength temp. Coefficient	nm/°C		0.02	
Wavelength current coefficient	nm/A		0.05	
Fiber				
Core diameter	µm	102	105	108
Cladding diameter	µm	122	125	128
Numerical aperture		0.20	0.22	0.24
Length	m	1	2	5
Electric				
Threshold current	A		0.5	
Operating current	A		10.5	11.0
Operating voltage	V		29.0	29.8
Slope efficiency	W/A		14.5	
Power conversion efficiency	%	44	47	
Back Reflection Protection				
Wavelength range	nm		1030 – 1100	
Attenuation	dB		>40	
Absolute ratings				
Operating (thermistor) temperature	°C		25 – 35	
Operating humidity	%		< 75	
Storage temperature	°C		-20 – +80	



1	Laser Diode Anode
2	Laser Diode Cathode
3	-
4	-
5	Photodiode (N)
6	Photodiode (P)
7	Thermistor
8	Thermistor





LASER RADIATION
 AVOID EYE OR SKIN EXPOSURE TO
 DIRECT OR SCATTERED RADIATION
 CLASS 4 LASER PRODUCT