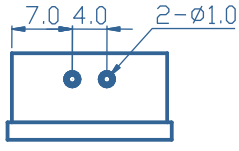
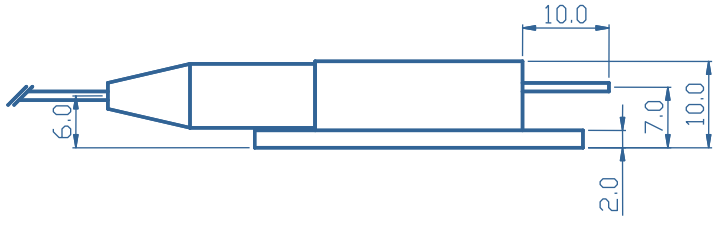
PHOTONTEC BERLIN

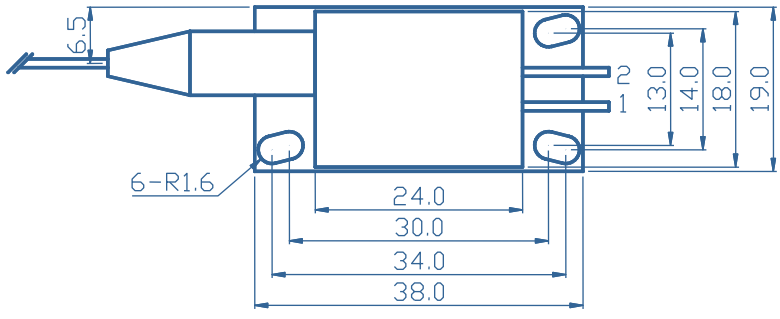
PRODUCT SPECIFICATIONS

Model			M793±3-7-F105/22-T2	
Optical	**Unit**	**Min**	**Typical**	**Max**
Output power (exit fiber)	W		8.0	
Central wavelength	nm	790.0	793.0	796.0
Spectral width (FWHM)	nm			5.0
Wavelength temp. Coefficient	nm/°C		0.35	
Fiber Pigtail				
Core diameter	µm	102	105	108
Cladding diameter	µm	122	125	128
Numerical aperture		0.20	0.22	0.24
Length	m	1.0	2.0	
Electric				
Threshold current	A		0.9	
Operating current	A		4.7	5.0
Operating voltage	V		3.66	
Slope efficiency	W/A		2.1	
Power conversion efficiency	%	45		
Back Reflection Protection				
Wavelength rrange	nm		1800 – 2100	
Attenuation	dB		30	
Absolute ratings				
Operating (housing) temperature	°C		20 – 30	
Operating humidity	%		< 75	
Storage temperature	°C		-20 – +80	





1	Laser Diode Anode
2	Laser Diode Cathode



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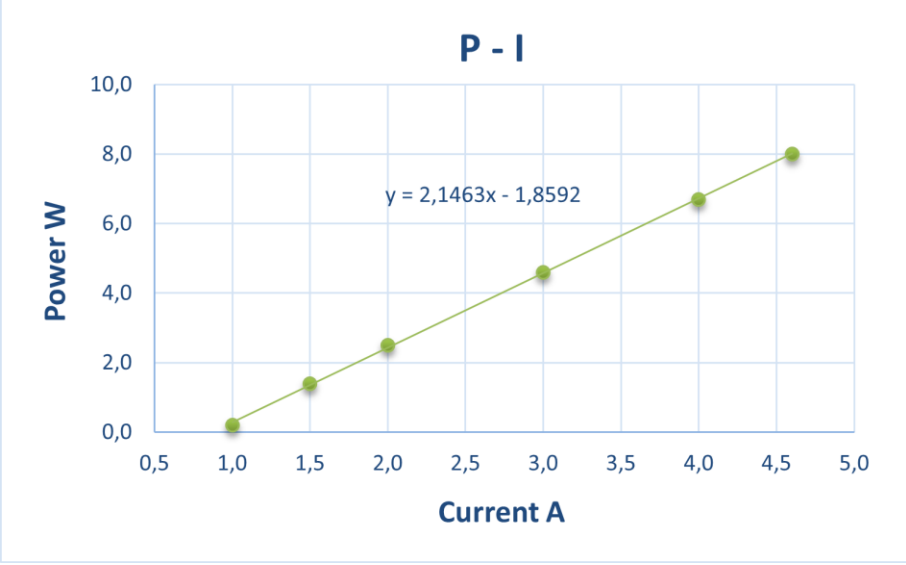

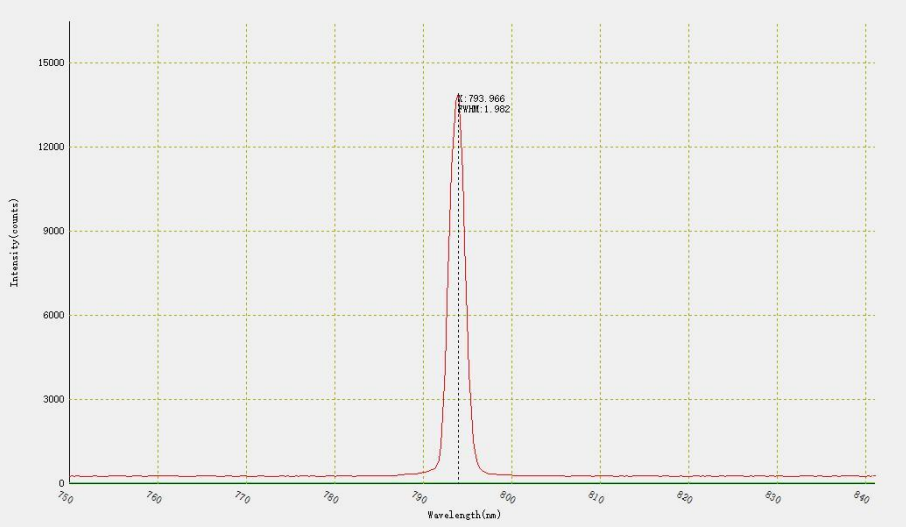

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LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO
DIRECT OR SCATTERED RADIATION
CLASS 4 LASER PRODUCT