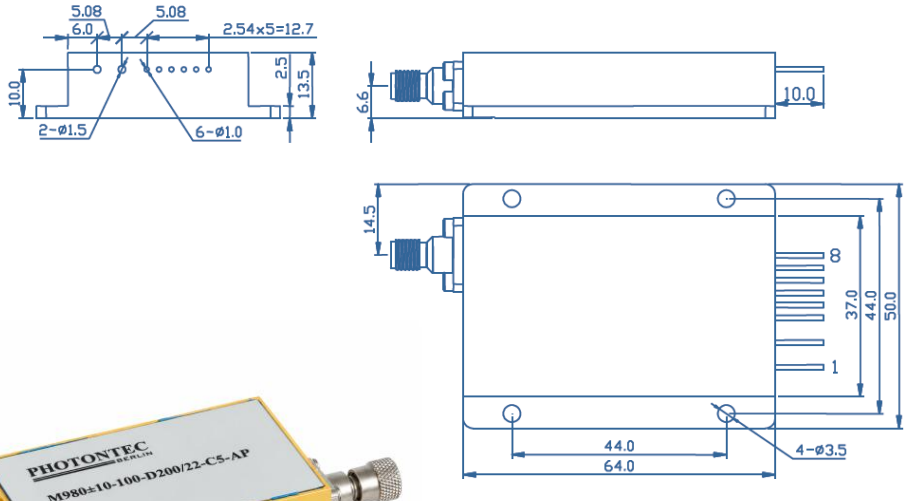
PHOTONTEC BERLIN

PRODUCT SPECIFICATIONS

Model			M808±10-50-D200/22-C5-AP	
Optical	**Unit**	**Min**	**Typical**	**Max**
Output power (exit fiber)	W		100	
Wavelength peak	nm	798	808	818
Spectral lwidth (FWHM)	nm			5.0
Fiber Receptacle				
Core diameter	µm		200	
Numerical aperture	-		0.22	
Connector	-		SMA905	
Electric				
Threshold current	A		1.3	
Operating current	A		8.5	
Operating voltage	V		12.9	
Slope efficiency	W/A		7.0	
Power conversion efficiency	%	45		
Accessories				
Thermistor resistance at 25°C	kΩ		10	
Red aiming	-		650nm/2mW	
Absolute Ratings				
Operating temperature (thermistor)	°C		20 - 35	
Operating humidity	%		< 75	
Storage temperature	°C		-20 – +80	

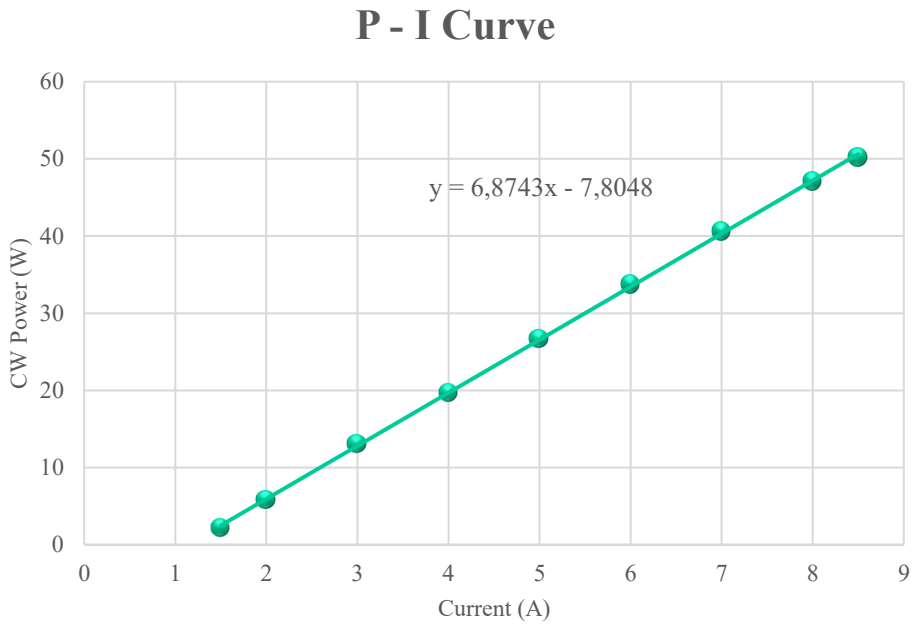
1	LD Anode
2	LD Cathode
3	Aiming (+5VDC)
4	Aiming (GND)
5	PD Cathode
6	PD Anode
7	Thermistor
8	Thermistor

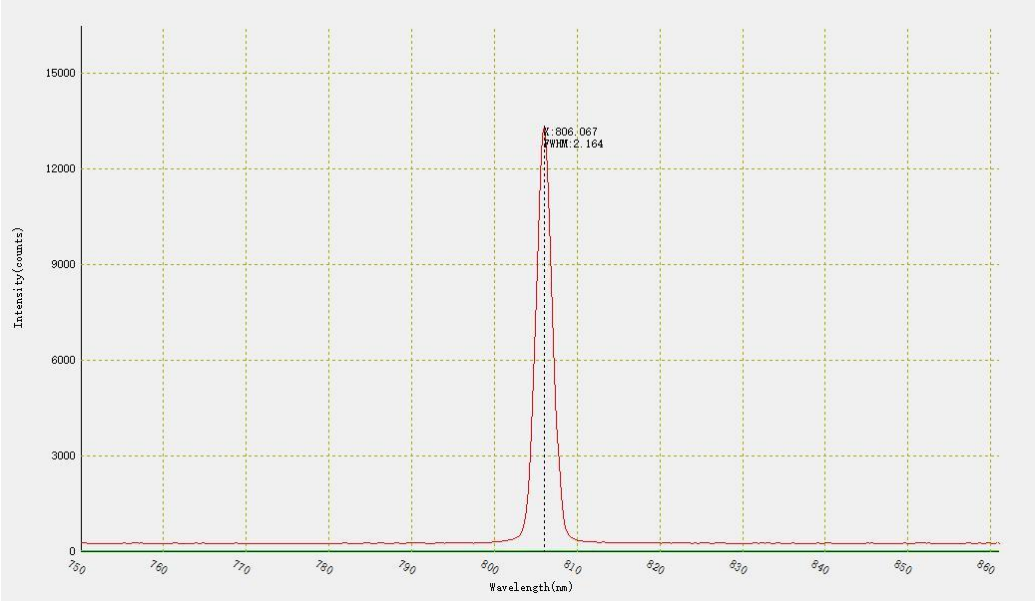


PhotonTec Berlin GmbH
Warthestrasse 21
D-14513 Teltow, Germany

Tel.: +49-30-83409380
info@photontec-berlin.com
www.photontec-berlin.com

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





Regulatroy Compliance

This product is an OEM fiber-coupled semiconductor diode laser module intended solely for integration into other equipment or laser systems. It is not supplied as a complete laser system and is not certified by the manufacturer as a finished laser product in accordance with IEC 60825-1 or the applicable FDA/CDRH laser product performance requirements of 21 CFR 1040.10 and 1040.11.

The manufacturer of the equipment or system incorporating this OEM laser module is responsible for determining the applicable laser classification and for ensuring that the completed product complies with all applicable safety, labeling, protective-feature, certification, reporting, and other regulatory requirements.

PhotonTec Berlin GmbH
Warthestrasse 21
D-14513 Teltow, Germany

Tel.: +49-30-83409380
info@photontec-berlin.com
www.photontec-berlin.com