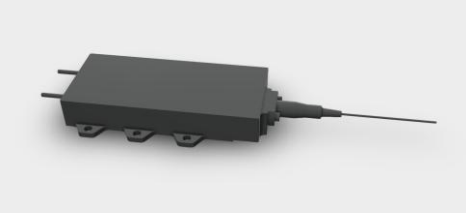
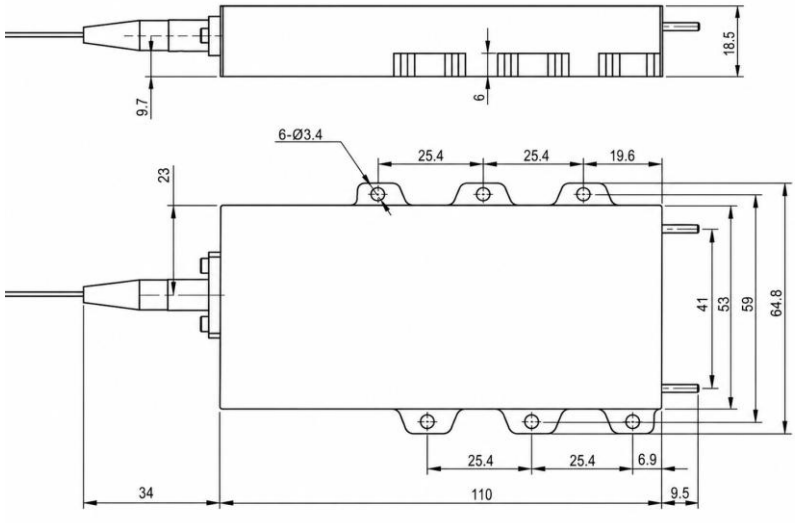
PHOTONTEC BERLIN

PRODUCT SPECIFICATIONS

Model		M915±10-150-F105/22-M20		
Optical	**Unit**	**Min**	**Typical**	**Max**
Output Power (exit fiber)	W		150	
Central Wavelength	nm	905	915	925
Spectral Width (FWHM)	nm			5.0
Wavelength Temp. Coefficient	nm/°C		0.35	
Back Reflection Isolation (1030-1200nm)	dB		30	
Fiber Pigtail				
Fiber Core Diameter	μm	102	105	108
Fiber Cladding Diameter	μm	122	125	128
Numerical Aperture		0.20	0.22	0.24
Length	m	1.5	1.8	
Connector (optional)			HP-SMA	
Electric				
Threshold Current	A		0.6	
Operating Current	A		11.0	12.0
Operating Voltage	V		27.0	28.0
Slope Efficiency	W/A		14.4	
Power Conversion Efficiency	%	50		
Accessories (optional)				
Thermistor Resistance at 25°C	kΩ		10	
Absolute Ratings				
Operating Temperature (case)	°C	20		35
Operating Humidity	%			75
Storage Temperature	°C	-20		80
Pin Soldering Temperature	°C			260(10s)





PhotonTec Berlin GmbH
Warthestrasse 21
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
14513 Teltow, Germany

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