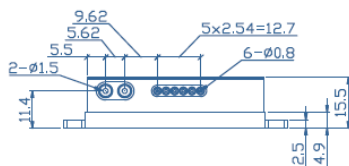
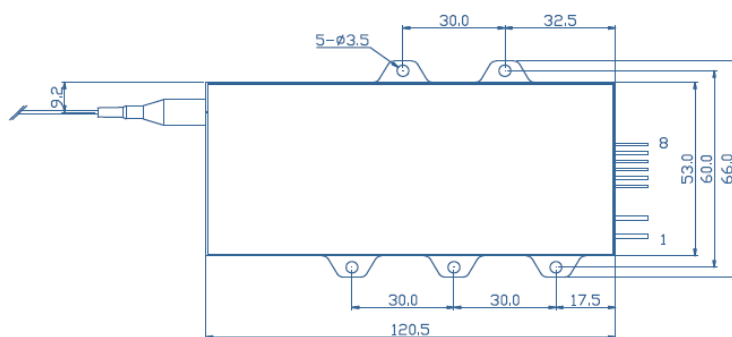


Model		M980±10-250-F200/22-DK-AP		
Optical	Unit	Min	Typical	Max
Output Power (exit fiber)	W	245	250	
Central Wavelength	nm	970	980	990
Spectral Width (FWHM)	nm			6.0
Wavelength Temp. Coefficient	nm/°C		0.35	
Fiber Pigtail				
Fiber Core Diameter	µm	196	200	204
Fiber Cladding Diameter	µm	217	220	223
Numerical Aperture		0.20	0.22	0.24
Length	m		2	5
Electric				
Threshold Current	A		1.1	
Operating Current	A		17.5	18.5
Operating Voltage	V		26.3	27.0
Slope Efficiency	W/A		15.0	
Power Conversion Efficiency	%	50	54	
Accessories				
Thermistor Resistance	kΩ		10 @ 25°C	
Aiming Beam Wavelength	nm		635 or 650	
Absolute Ratings				
Operating Temperature (Thermistor)	°C		25 – 35	
Operating Humidity	%		< 75	
Storage Temperature	°C		-20 – +80	
Soldering Temperature	°C		250 (10s)	



1	Laser diode anode
2	Laser diode cathode
3	Aiming beam +5VDC
4	Aiming beam GND
5	Photodiode cathode
6	Photodiode anode
7	Thermistor
8	Thermistor



Compliance with Regulatory Requirements: This industrial laser is an OEM version of a laser diode. As such, it is intended only for integration into other equipment. This laser does not comply with IEC and CDRH requirements. The customer is responsible for IEC and CDRH certifications of the system that incorporates this industrial laser.

