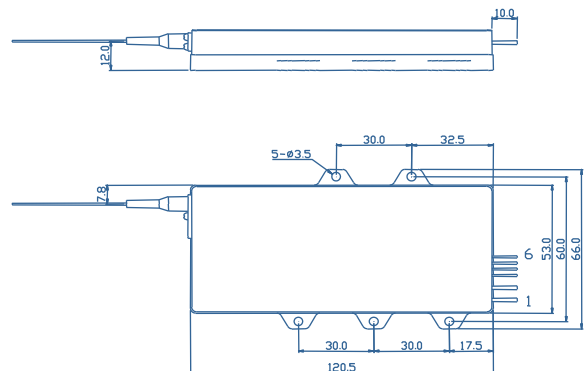
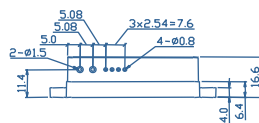


Model		M976±10-250-F200/22-DK-A	
Optical Parameters	Unit	Typical	
Output Power	W	250	
Central Wavelength	nm	976	
Wavelength Tolerance	nm	± 10	
Wavelength Temp. Coefficient	nm/°C	0.35	
Wavelength Current Coefficient	nm/A	0.8	
Fiber Parameters			
Fiber Core Diameter	μm	200	
Fiber Cladding Diameter	μm	220	
Numerical Aperture		0.22	
Bare Fiber Length	m	2 or customized	
Fiber connector (optional)	-	HP-SMA905	
Electric Parameters			
Threshold Current	A	1.0	
Operating Current	A	20.0	
Operating Voltage	V	28.0	
Slope Efficiency	W/A	13.0	
Power Conversion Efficiency	%	44	
Accessories			
Thermistor	kΩ	10@25°C	
Red aiming		2mW or higher	
Other Parameters			
Operating Temperature (NTC)	°C	25 – 35	
Operating Humidity	%	< 75	
Storage Temperature	°C	-20 – +80	
Soldering Temperature	°C	250 (10s)	

Pin	Function
1	Laser diode anode (+)
2	Laser diode cathode (-)
3	Red pilot anode (+)
4	Red pilot cathode (-)
5	Thermistor
6	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.

