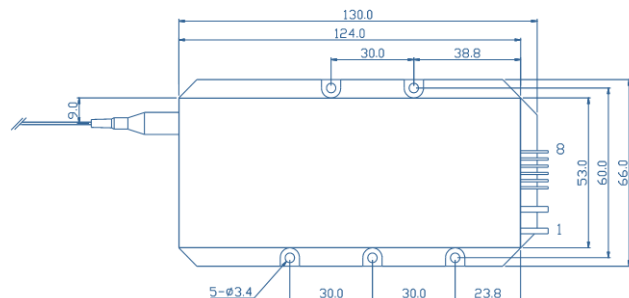
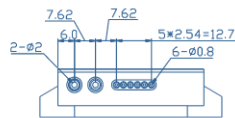


Model		M980±10-300-F200/22-D3-AP		
Optical Parameters	Unit	Min	Typical	Max
Output Power (exit fiber)	W	294	300	
Central Wavelength	nm	970	980	990
Wavelength Temp. Coefficient	nm/°C		0.35	
Wavelength Current Coefficient	nm/A		0.8	
Fiber Parameters				
Fiber Core Diameter	µm	196	200	204
Fiber Cladding Diameter	µm		220	
Numerical Aperture	-	0.20	0.22	0.24
Bare Fiber Length	m		2 or customized	
Fiber connector	-		SMA or LD80	
Electric Parameters				
Threshold Current	A		1.0	1.1
Operating Current	A		22.0	23.0
Operating Voltage	V		25.9	26.4
Slope Efficiency	W/A		14.6	
Power Conversion Efficiency	%	51	53	
Accessories				
Thermistor	kΩ		10@25°C	
Red aiming	-		5mW @ 5VDC	
Other Parameters				
Operating Temperature (cooling plate)	°C		18 - 22	
Operating Humidity	%		< 75	
Storage Temperature	°C		-20 – +80	
Soldering Temperature	°C		250 (10s)	

Pin	Function
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.

