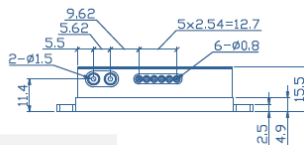
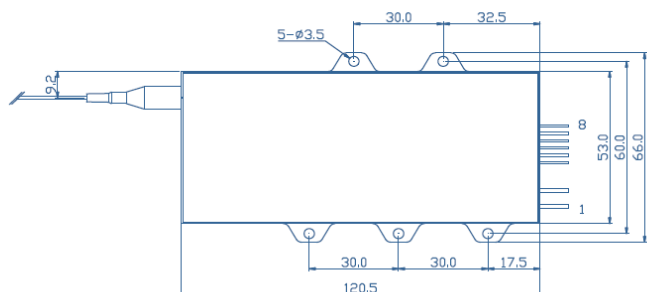


Model		M808±3-70-F105/22-DK-P		
Optical	Unit	Min	Typical	Max
Output Power	W		70	
Central Wavelength	nm	805	808	810
Wavelength Temp. Coefficient	nm/°C		0.35	
Wavelength Current Coefficient	nm/A		0.8	
Fiber Pigtail				
Fiber Core Diameter	µm	102	105	108
Fiber Cladding Diameter	µm	122	125	128
Numerical Aperture		0.20	0.22	0.24
Bare Fiber Length	m		2	
Fiber Connector (optional)	-		SMA905	
Electric				
Threshold Current	A		1.3	
Operating Current	A		8.7	9.0
Operating Voltage	V		18.4	18.8
Slope Efficiency	W/A		9.4	
Power Conversion Efficiency	%		44	
Accessories				
Thermistor	kΩ		10@25°C	
Red aiming (optional)			2mW	
Absolute Ratings				
Operating Temperature (NTC)	°C		25 – 35	
Operating Humidity	%		< 75	
Storage Temperature	°C		-20 – +80	
Soldering Temperature	°C		260 (10s)	



1	LD anode
2	LD cathode
3	NC
4	NC
5	PD cathode
6	PD 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.



