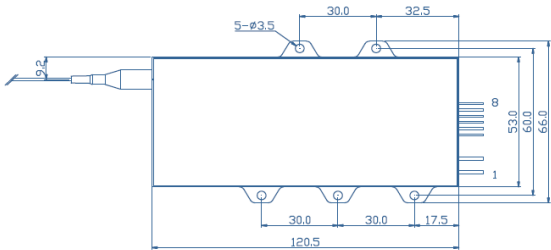
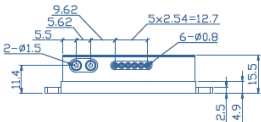


Model		M793±3-90-F105/22-DK-P		
Optical	Unit	Min	Typical	Max
Output Power (exit fiber)	W		90	
Central Wavelength	nm	790	793	796
Spectral Width (FWHM)	nm		<3.0	
NA with 95% Encircled Energy			0.20	
Wavelength Temp. Coefficient	nm/°C		0.35	
Fiber				
Core Diameter	µm	103	105	108
Cladding Diameter	µm	122	125	128
Numerical Aperture	-	0.20	0.22	0.24
Length	m		1.5	2.0
Connector (optional)	-		SMA905	
Electric				
Threshold Current	A		1.3	
Operating Current	A		9.0	
Operating Voltage	V		21.9	
Slope Efficiency	W/A		11.7	
Power Conversion Efficiency	%	44		
Back Reflection Protection				
Wavelength range	nm		1.8 – 2.1	
Attenuation	dB		>30	
Accessories				
Thermistor	kΩ		10@25°C	
Absolute Ratings				
Operating (Thermistor) Temperature	°C		20 – 35	
Operating Humidity	%		< 75	
Storage Temperature	°C		-20 – +80	

1	Laser Diode Anode
2	Laser Diode 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.



