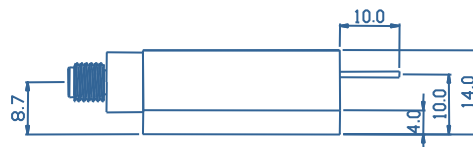
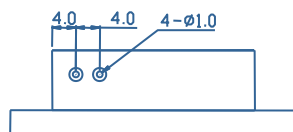
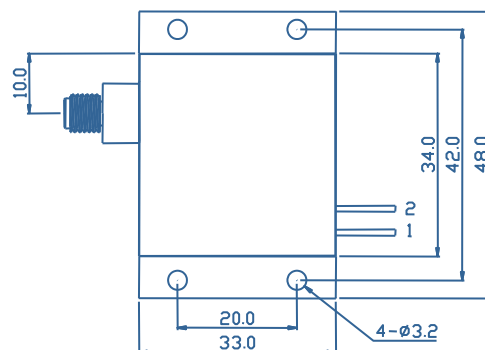


Model		M878.6±0.5-40-D200/22-T4R		
Optical Parameters	Unit	Min	Typical	Max
Output Power	W	37	40	
Central Wavelength	nm	878.1	878.6	879.1
Spectral Width (FWHM)	nm			0.5
Wavelength Temp. Coefficient	nm/°C		0.02	
Wavelength Current Coefficient	nm/A		0.05	
Fiber Receptacle				
Fiber Core Diameter	µm		200	
Numerical Aperture	-		0.22	
Fiber connector	-		SMA905	
Electric Parameters				
Threshold Current	A		1.4	
Operating Current	A		12.0	13.0
Operating Voltage	V		7.17	7.27
Slope Efficiency	W/A		3.55	
Power Conversion Efficiency	%		44	
Back Reflection Protection				
Wavelength range	nm		1030 – 1100	
Attenuation	dB		>40	
Absolute Ratings				
Operating Temperature (baseplate)	°C		20 – 30	
Operating Humidity	%		< 75	
Storage Temperature	°C		-20 – +80	



1	Laser Diode Anode
2	Laser Diode Cathode



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.

