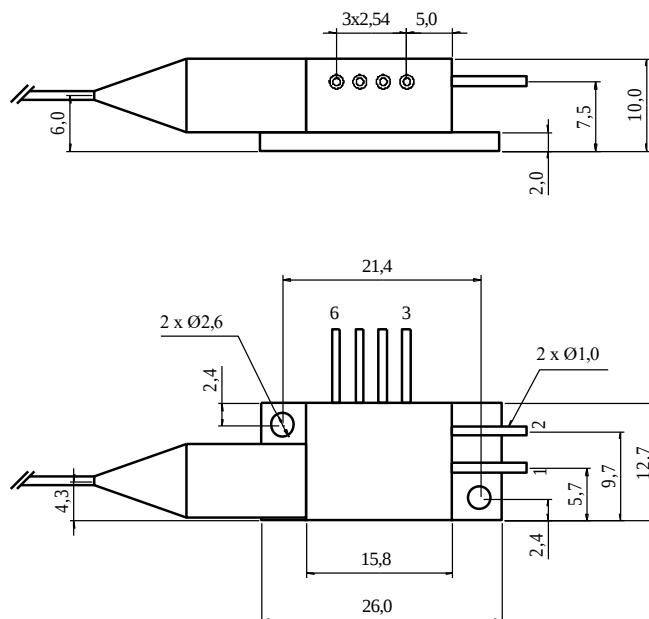


Model		M808±1-6-F105/22-T1-P		
Optical	Unit	Min	Typical	Max
Output power (out of fiber)	W		6.0	
Central wavelength	nm	807.0	808.0	809.0
Spectral width (FWHM)	nm			1.0
Wavelength shift over temperature	nm/°C		0.02	
Fiber Pigtail				
Fiber core diameter	µm	102	105	108
Fiber cladding diameter	µm	122	125	128
Numerical aperture	-	0.20	0.22	0.24
Connector (Optional)	-		SMA905, FC/PC	
Electric				
Threshold current	A		1.2	
Operating current	A		7.0	7.5
Operating voltage	V		1.84	1.90
Power conversion efficiency	%		45	
Absolute Ratings				
ESD	V		500	
Operating (cooling plate) temperature	°C		20 - 25	
Operating humidity	%		< 75	
Storage temperature	°C		-20 – +80	
Soldering temperature	°C		260 (10s)	

1	LD Anode
2	LD Cathode
3	Thermistor
4	Thermistor
5	PD Cathode
6	PD Anode



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.



