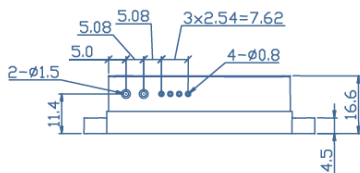


Model		M793±3-50-F105/22-DK		
Optical	Unit	Min	Typical	Max
Output Power (exit fiber)	W		50	
Central Wavelength	nm	790	793	796
Spectral Width (FWHM)	nm		<3.0	
Wavelength Temp. Coefficient	nm/°C		0.35	
Fiber				
Core Diameter	µm	102	105	108
Cladding Diameter	µm	122	125	128
Numerical Aperture	-	0.20	0.22	0.24
Length	m		1 or 2	
Connector (optional)	-		SMA905	
Electric				
Threshold Current	A		0.7	0.8
Operating Current	A		5.0	6.0
Operating Voltage	V		22.7	23.5
Slope Efficiency	W/A	10.4	11.6	
Power Conversion Efficiency	%	43	44	
Back Reflection Protection				
Wavelength range	nm		1.8 – 2.1	
Attenuation	dB		>30	
Accessories				
Thermistor	kΩ		10@25°C	
Absolute Ratings				
Operating (Housing) Temperature	°C		20 – 35	
Operating Humidity	%		< 75	
Storage Temperature	°C		-20 – +80	



Pinout	Function
1	Laser diode +
2	Laser diode -
3	Photo diode (N)
4	Photo diode (P)
5	Thermistor
6	Thermistor

