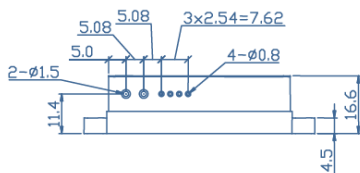


Model		M793±3-50-F105/22-DK
Optical Parameters	Unit	Typical
Output Power	W	50
Central Wavelength	nm	793
Wavelength Tolerance	nm	± 3
Spectral Width (FWHM)	nm	<4.0
Wavelength Temp. Coefficient	nm/°C	0.35
Fiber Parameters		
Fiber Core Diameter	μm	105
Fiber Cladding Diameter	μm	125
Numerical Aperture		0.22
Bare Fiber Length	m	2 or customized
Fiber connector (optional)	-	SMA905
Electric Parameters		
Threshold Current	A	0.9
Operating Current	A	5.1
Operating Voltage	V	21.5
Slope Efficiency	W/A	11.9
Power Conversion Efficiency	%	45
Back Reflection Protection		
Wavelength range	nm	1.9 – 2.1
Attenuation	dB	>40
Accessories (optional)		
Thermistor	kΩ	10@25°C
Other Parameters		
Operating Temperature (Thermistor)	°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

