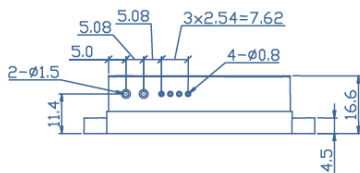


Model		M793±3-50-F105/22-DK		
Optical Parameters	Unit	Min	Typical	Max
Output Power	W		50	
Central Wavelength	nm	790	793	796
Spectral Width (FWHM)	nm		<3.0	
Wavelength Temp. Coefficient	nm/°C		0.35	
Fiber Parameters				
Fiber Core Diameter	µm	102	105	108
Fiber Cladding Diameter	µm	122	125	128
Numerical Aperture	-	0.20	0.22	0.24
Bare Fiber Length	m		1 or 2	
Fiber connector (optional)	-		SMA905	
Electric Parameters				
Threshold Current	A		0.7	0.8
Operating Current	A		5.5	6.0
Operating Voltage	V		20.3	20.6
Slope Efficiency	W/A	9.9	10.3	
Power Conversion Efficiency	%	43	44	
Back Reflection Protection				
Wavelength range	nm		1.9 – 2.1	
Attenuation	dB		>40	
Accessories (optional)				
Thermistor	kΩ		10@25°C	
Other Parameters				
Operating (Thermistor) 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

