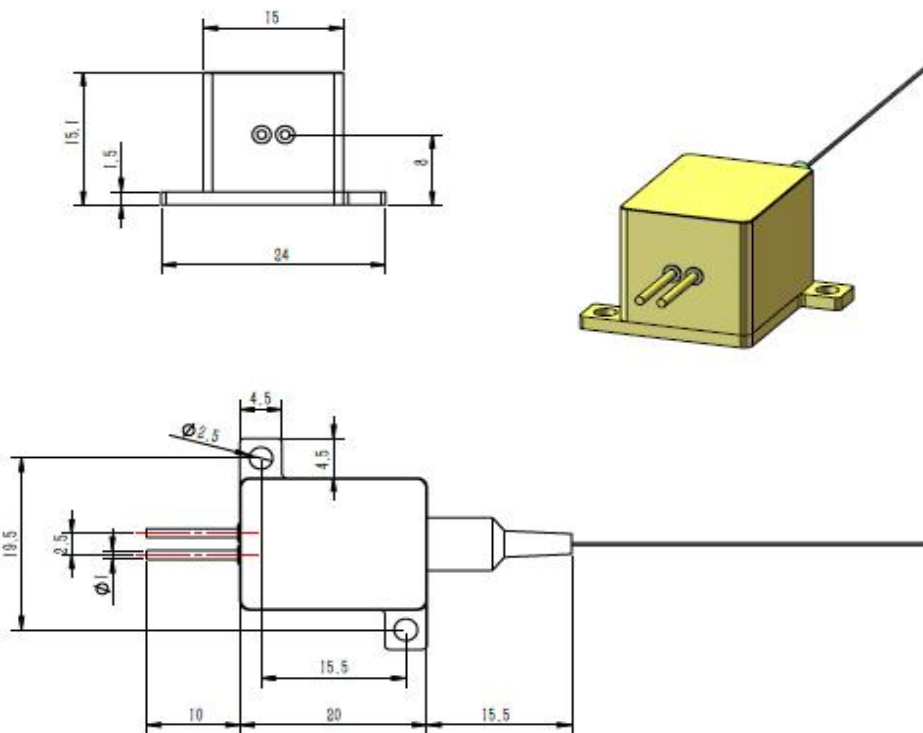


460nm/1.2W Multi-Mode Pigtailed Laser

Dimensions



Features:

- High output power
- Excellent beam quality
- High reliability

Applications:

- Laser display
- Laser engraving
- Laser illumination

460nm/1.2W Multi-Mode Pigtailed Laser

Specifications

Parameters	Min.	Typical	Max.	Test Conditions
Optical Properties				
Center Wavelength	456nm	460nm	465nm	At $P_o = 1200\text{mW}$ & $T_{\text{case}} = 25^\circ\text{C}$
Output Power (P_{op})		1200mW		At $T_{\text{case}} = 25^\circ\text{C}$, $I_{\text{op}} = 2100\text{mA}$
Operating Temperature (T_{case})	-10°C	25°C	45°C	Using a base with good heat dissipation.
Electrical Properties				
Threshold Current (I_{th})		180mA	220mA	
Operating Current (I_{op})		1800(mA)	2100(mA)	At $P_o = 220\text{mW}$ & $T_{\text{case}} = 25^\circ\text{C}$
Operating Voltage (V_{op})		4.3V	5.0 V	At $P_o = 1200\text{mW}$ & $T_{\text{case}} = 25^\circ\text{C}$
Reverse Breakdown Voltage (V_R)		1.6V		
Fiber Type				
Numerical Aperture (NA)		0.22		
Fiber Model	105/125			Customizable
Fiber Length	>1.0 m			Customizable
Ferrule Specifications	0.9 black loose tube			Customizable
Output Connector	Bare fiber or FC/APC			Customizable
Storage Conditions				
Storage Humidity	5% ~ 85% RH			No condensation
Storage Temperature	-20 ~ 60°C			No condensation