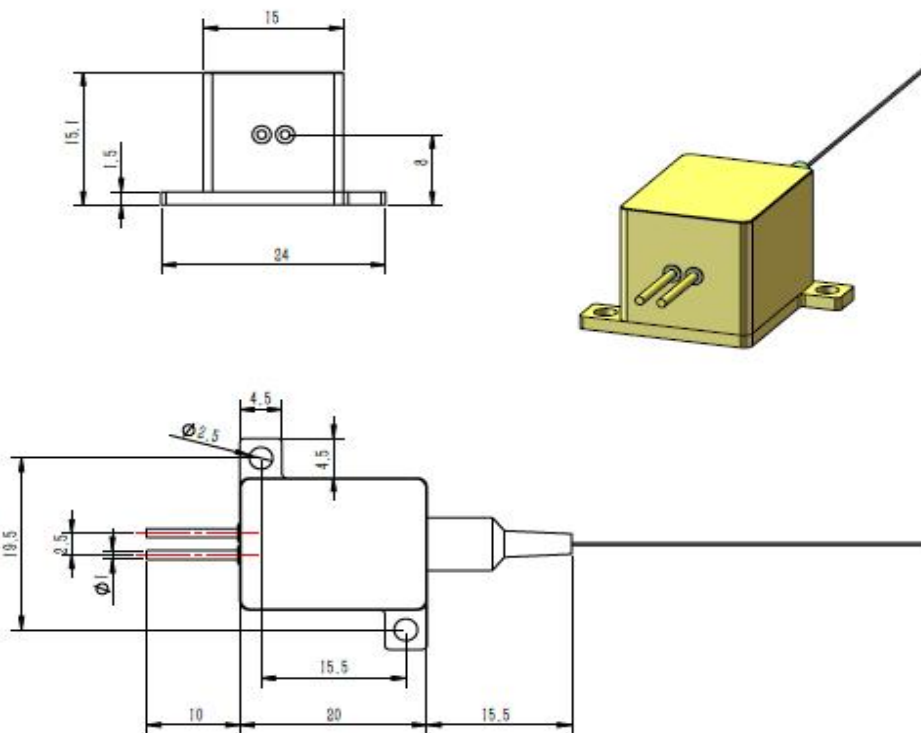


640nm/1.2W Multi-Mode Pigtailed Laser

Dimensions



Features:

- High output power
- Excellent beam quality
- High reliability

Applications:

- Laser display
- Laser engraving
- Laser illumination

640nm/1.2W Multi-Mode Pigtailed Laser

Specifications

Parameters	Min.	Typical	Max.	Test Conditions
Optical Properties				
Center Wavelength	636nm	640nm	645nm	At Po = 1200mW & Tcase = 25°C
Output Power (Pop)		1200mW		At Tcase = 25°C, Iop = 1800mA
Operating Temperature (Tcase)	-10°C	25°C	45°C	Using a base with good heat dissipation.
Electrical Properties				
Threshold Current (Ith)		180mA		
Operating Current (Iop)		1600(mA)	2000(mA)	At Po = 180mW & Tcase = 25°C
Operating Voltage (Vop)		3V	3.5 V	At Po = 1200mW & Tcase = 25°C
Reverse Breakdown Voltage (VR)		1.2V		
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