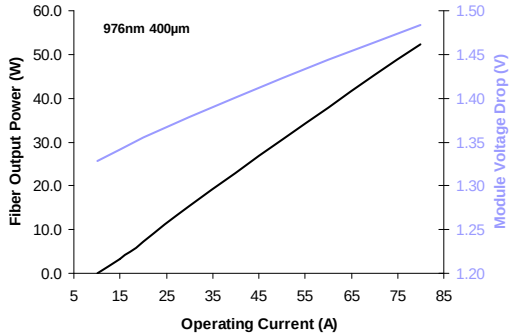
Features

- 792, 808, 888, 976, 1064, 1210, 1320, 1470, 1532, 1710, and 1920 nm
- Detachable fiber
- Armor or bare fiber delivery
- Dichroic filter protection available
- Cladding-free power
- Conduction cooled package
- Thermistor standard
- Aiming Beam, photodiode optional

Applications

- Laser pumping: Fiber lasers, Solid state lasers
- Materials processing: Marking, Soldering, Plastics welding
- Medical: Dental, Ophthalmology, Therapeutic
- Defense: Target illumination, LIDAR



Benefits

- Compact
- High Efficiency
- Long working distance and sharper features for materials processing applications

Specification	Units	6007-0002	6009-0000	6009-0002
Output Power (Pop)	W	20	35	50
Operating Current (Iop) (Max)	A	< 35	< 62	< 80
Operating Voltage (Vop) (Max)	V	< 2	< 1.6	< 1.5
E-O efficiency (Typical)	%	36	37	47
Center wavelength	nm	792	976	976
Center Wavelength Tolerance	nm	± 3	± 3	± 3
Spectral Width (Max)	nm	< 2.5	< 5	< 5
Wavelength Coefficient of Temp	nm/°C	0.3	0.3	0.3
Fiber Core Diameter	um	100	200	400
Fiber Core Numerical Aperture	No Units	0.22	0.22	0.22
Fiber Length	m	2	2	2
Fiber Output Connector	No Units	SMA	SMA	SMA
Operating Temperature (Top)	°C	20	20	20
Thermistor Impedance	kOhms	10	10	10
Module Dimensions	mm	100 x 41.5 x 31.5		

Warning: Class 4 Laser, Invisible Laser Radiation – Avoid Eye or Skin Exposure to Direct or Scattered Radiation.

For reference only. Product specifications may change without notice.

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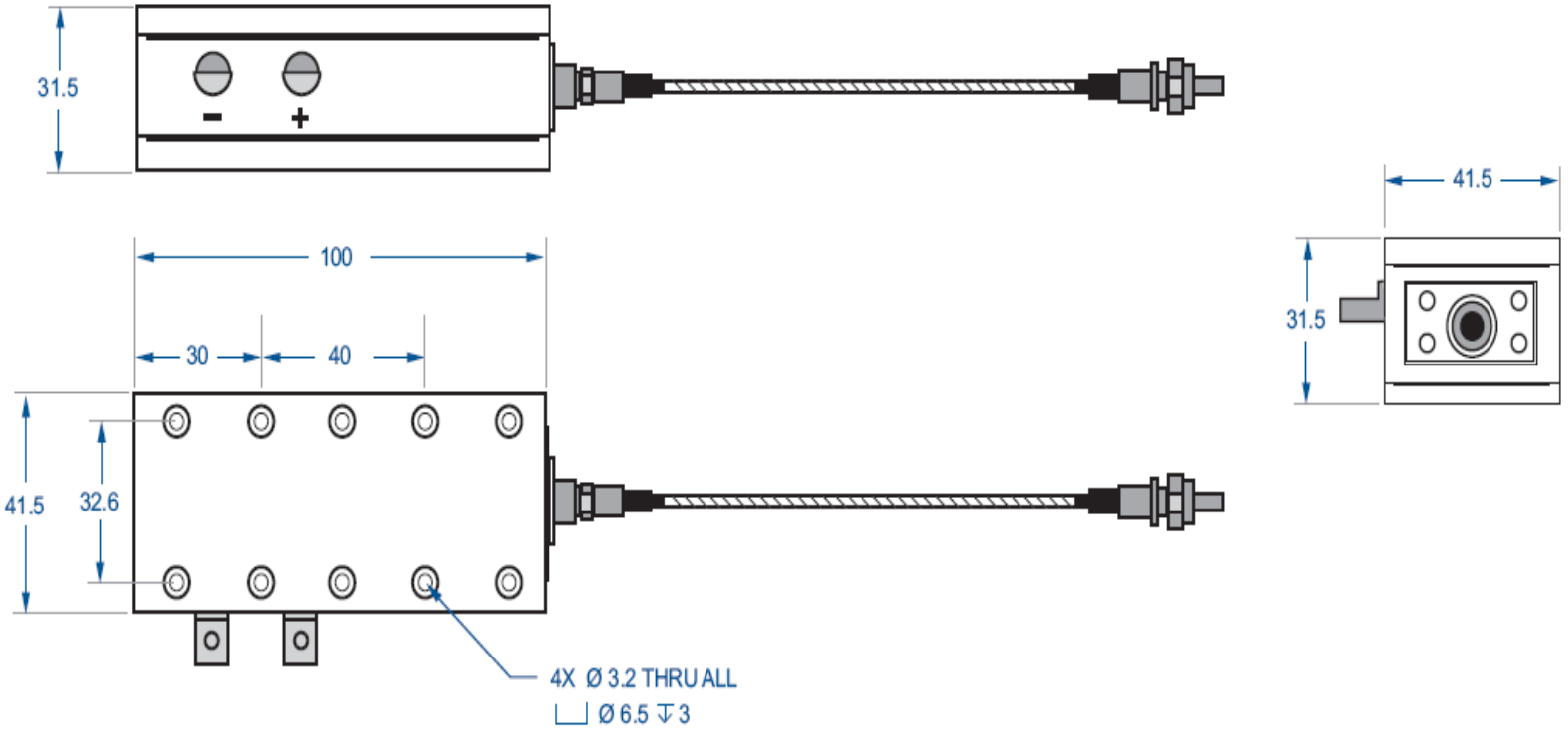
Module Size



BRIGHTNESS and POWER

Breaking Performance Barriers through Semiconductor Laser Innovation

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