

## HIGH POWER LASER MODULE WITH FIBER OUTPUT

**1910 NM, 4 W IN FIBER**

### FEATURES

- Compact size
- Detachable fiber
- Thermistor
- Power monitor
- Fiber sensor
- Visible aiming beam

### APPLICATIONS

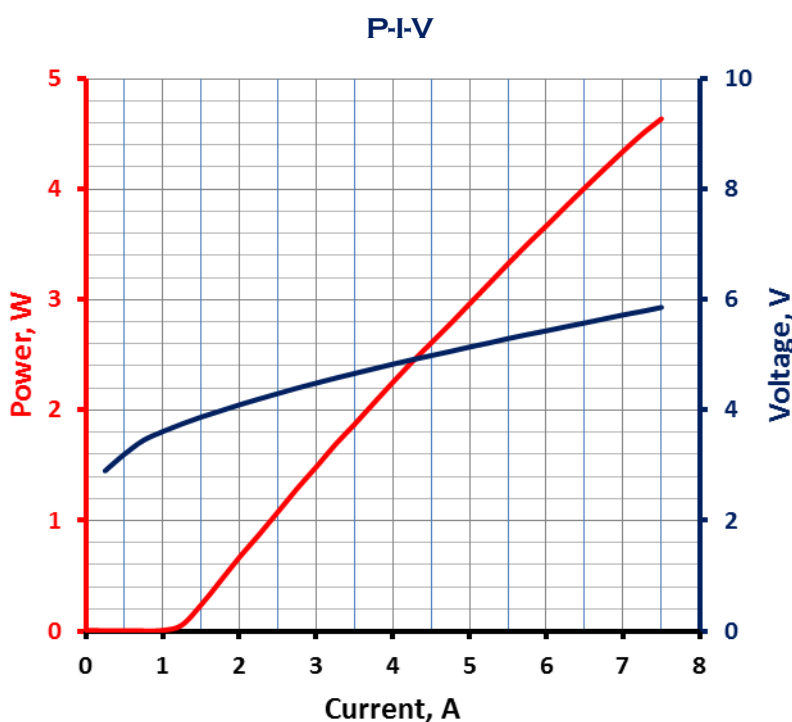
- Medical
- Illumination
- Pumping



QUINTA P/N: ALC-1910-04000-FM400.22-R

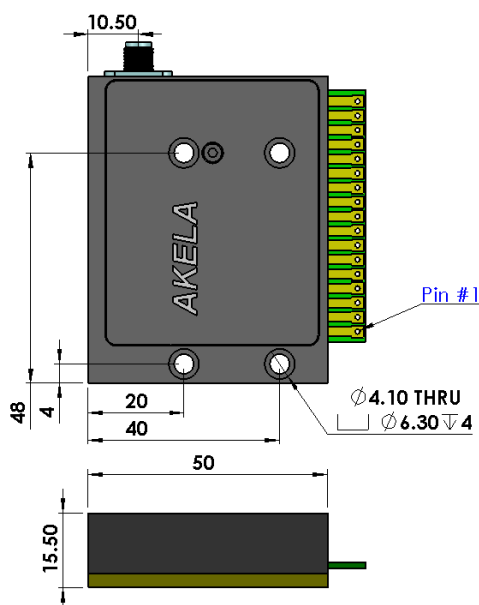
### SPECIFICATIONS

Optical Parameters	Unit	Value
Center Wavelength	nm	1910
Wavelength Tolerance	nm	±20
Spectral Width	nm	<20
Power	W	4
Electrical Parameters	Unit	Value
Operating Current	A	6.5
Operating Voltage	V	5.6
Fiber Parameters	Unit	Value
Fiber Core Diameter	μm	400
Fiber NA		0.22
Fiber Connector		SMA
Included Features		
NTC Thermistor, 25°C	kΩ	10
Visible aiming beam	mW	1
Optional Features		
Power Monitor	mA	0.1-1
Fiber Sensor		

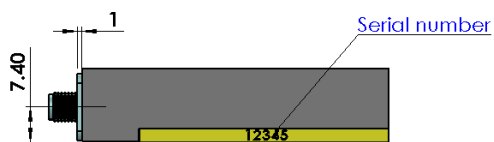


### MECHANICAL DRAWINGS

Package dimensions 50 mm x 65 mm x 15.5 mm, designed for use with high-power TEC with footprint 40 mm x 40 mm;



Fiber Sensor LED Typical Drive Current: 30mA @ 4V (Reverse Voltage), max 50mA. Fiber Sensor Phototransistor Typical Voltage: 10V (Collector-Emitter Voltage), max 30V. Fiber Sensor is based on standard Photomicrosensor (Transmissive) manufactured by Omron, P/N EE-SX1071



These components do not comply with the Federal Regulations (21 CFR Subchapter 1) as administered by the Center for Devices and Radiological health. Purchaser acknowledges that his/her products must comply with these regulations before they can be sold. Akela laser Corporation reserves right to change any specifications.

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