High Power Laser Module with Fiber Output

520 nm, 1.6W in fiber

Features

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

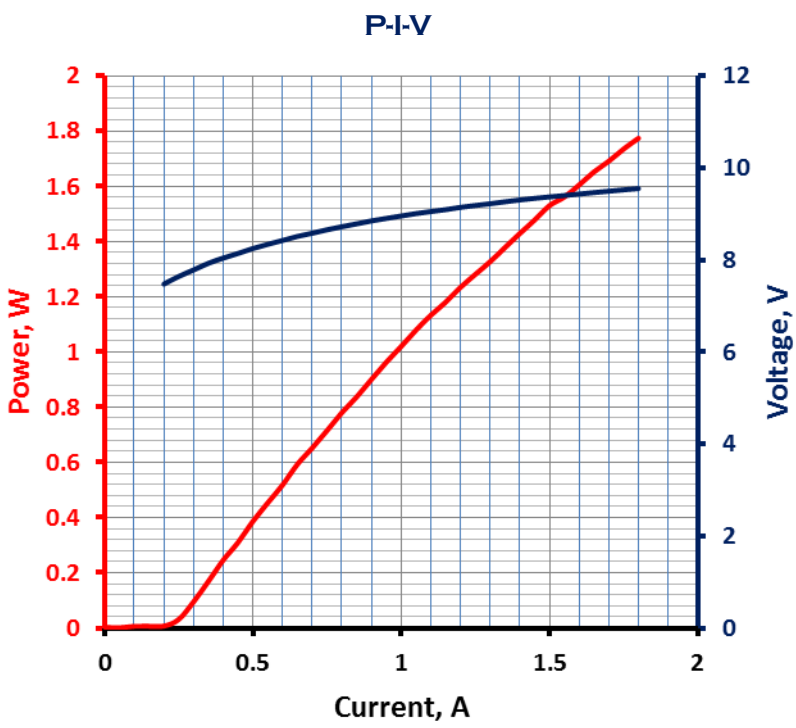
Applications

- Medical

QUINTA P/N: ALC-0520-01600-FM400.22-R

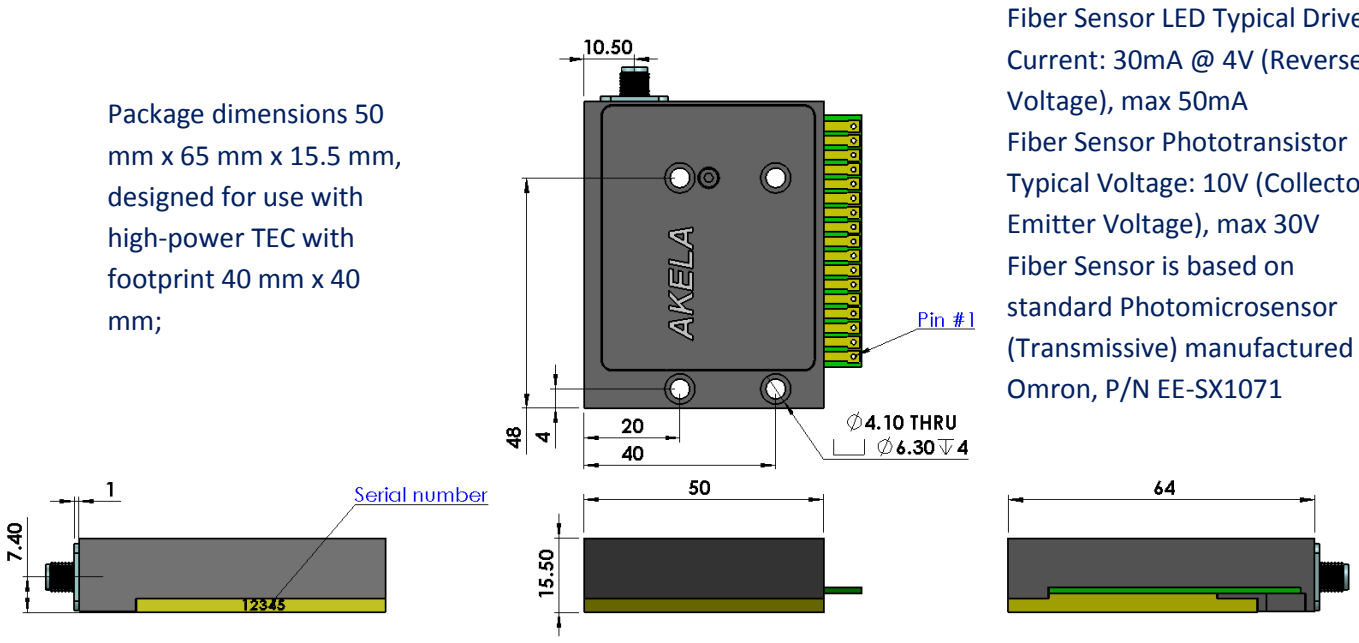
Specifications

Optical Parameters	Unit	Value
Center Wavelength	nm	520
Wavelength Tolerance	nm	±10
Spectral Width	nm	<9
Power	W	1.6
Electrical Parameters	**Unit**	**Value**
Operating Current	A	1.6
Operating Voltage	V	10
Fiber Parameters	**Unit**	**Value**
Fiber Core Diameter	µm	400
Fiber NA		0.22
Fiber Connector		SMA
Included Features		
NTC Thermistor, 25°C	kΩ	10
Red 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.

AKELA Laser Corporation

1095 Cranbury South River Road, Suite 14, Jamesburg, NJ 08831, USA

Phone: (732) 305-7105 e-mail: info@AKELALaser.com web: www.AKELALaser.com