High Power Laser Module with Fiber Output

1470 nm, 25 W in fiber

Features

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

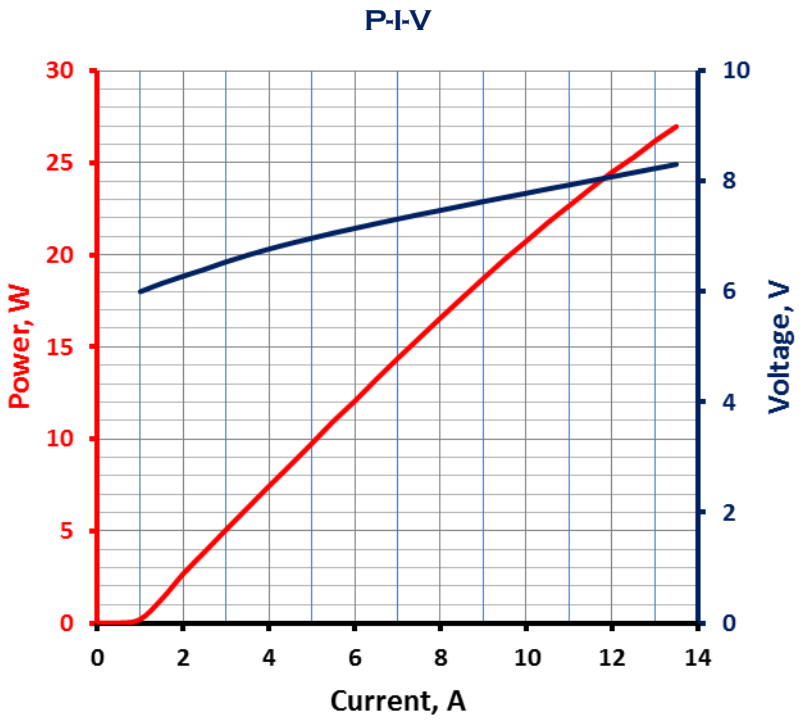
Applications

- Medical
- Illumination
- Pumping

SETIA P/N: ALC-1470-25000-FM400.22-R

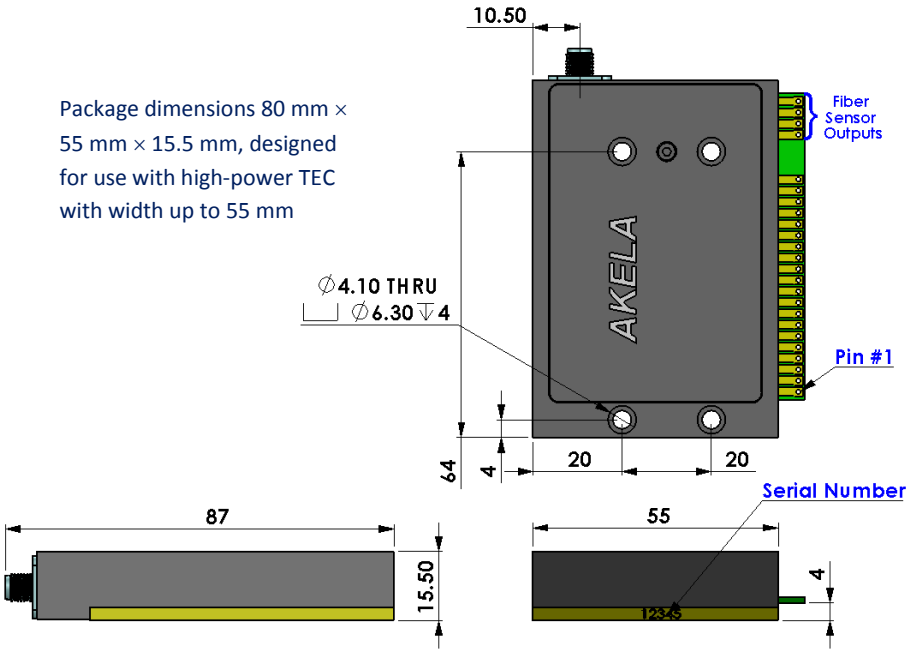
Specifications

Optical Parameters	Unit	Value
Center Wavelength	nm	1470
Wavelength Tolerance	nm	±15
Spectral Width	nm	<15
Power	W	25
Electrical Parameters	**Unit**	**Value**
Operating Current	A	12.5
Operating Voltage	V	8.2
Fiber Parameters	**Unit**	**Value**
Fiber Core Diameter	μm	400
Fiber NA		0.22
Fiber Connector		SMA
Included Features		
NTC Thermistor, 25°C	kΩ	10
Optional Features		
Power Monitor	mA	0.1-1
Visible Aiming Beam	mW	1
Fiber Sensor		



Mechanical Drawings

Package dimensions 80 mm × 55 mm × 15.5 mm, designed for use with high-power TEC with width up to 55 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