

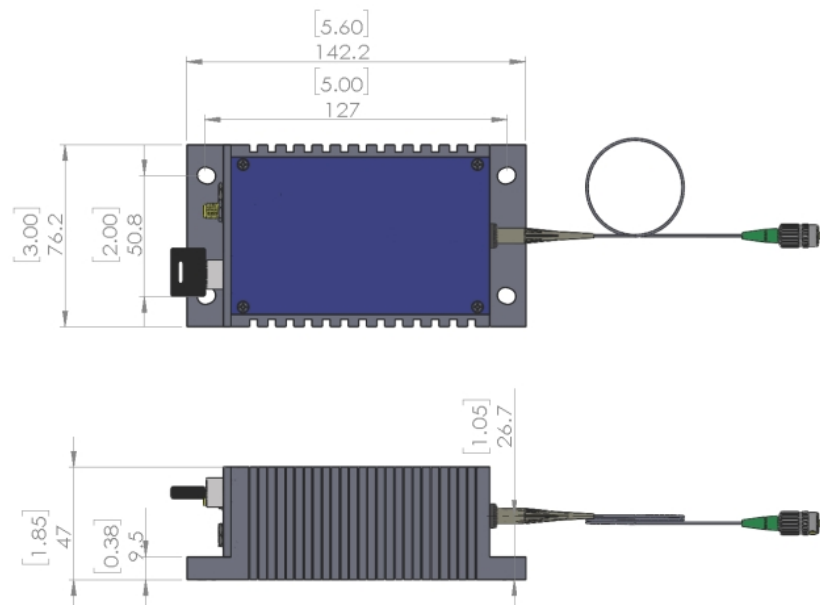
Q-Lite 450nm, 15mW fiber-pigtailed Diode Laser System

Product Features/Operating Range	
Part Number	Q-Lite- 450 - 15 - SM
Fiber	SMF28
Tubing	Clear Ø3mm PVDF
Connector	FC/APC
Operating Temperature	-10 to 40 °C
Storage Temperature	-10 to 80 °C
Laser Safety Class	3B
Power Supply	5.0±0.2V, 4A
RoHS	Compliant

Note: other types of connector and tubing available.

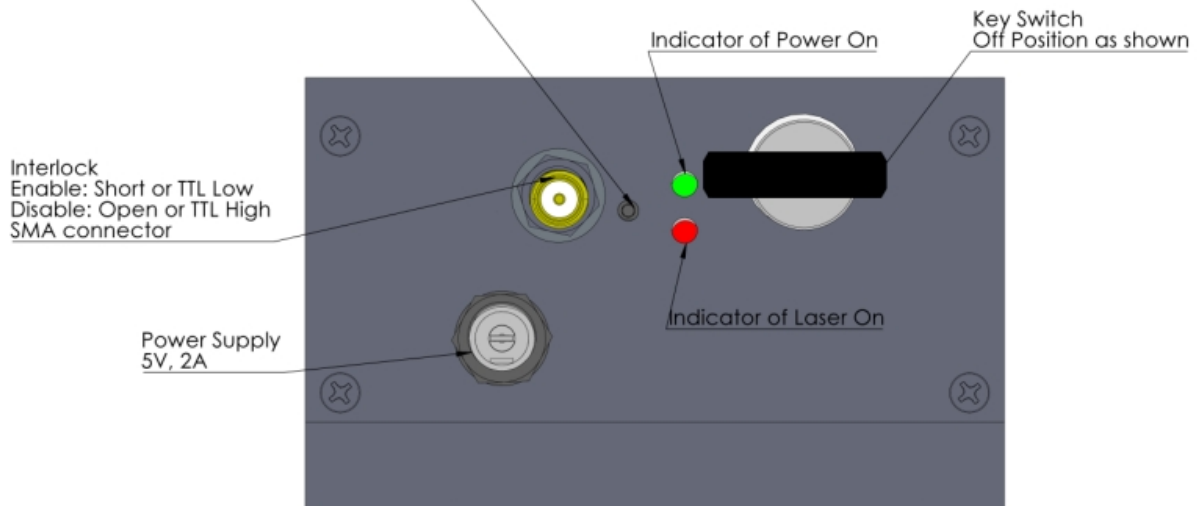
Parameter	Measured Value
Optical Output Power	15 mW
Operating Current (max)	120 mA
Wavelength	450 ± 10nm
Power Stability (8 hours)	<1%
Power Stability (1 Minute)	<0.4%
Warm-up Time	<5 Minutes

Drawing



Work Instruction

Potentiometer for Optical Power Adjustment.
The laser is factory adjusted to the specified power level.
User adjustment is not recommended.
Sealed by a 4-40 screw at delivery.
In case of need to adjust power, always monitor by a power
meter and never exceed specified power range.



This Turnkey Module is Plug-and-Play

