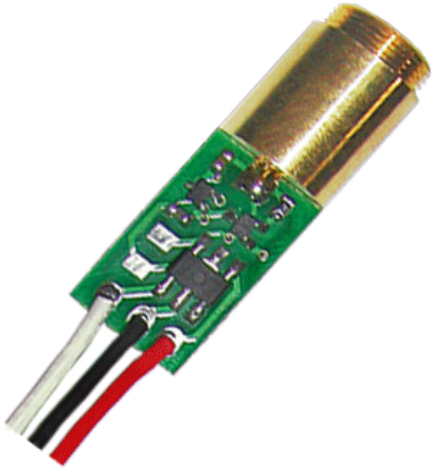
IL Series Infrared Laser Module

Part No: IL-8509-XXX-XX-X

XXX(Wavelength): 780, 808, 850, 980.

XX(Output Power): 1, 5, 10……..

X (Lens): G , P. (G-GLASS, P-PMMA)

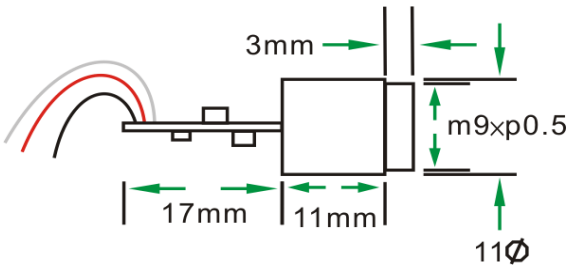


Specification:

Wavelength (λ)	:	780nm, 808nm, 850nm, 980nm.
Operating Voltage (Vop)	:	DC5V
Operating current (Iop)	:	
Optical Output Power (After Lens)	:	3mW, 5mW, 7mW, 10mW.
Focus Lens	:	PMMA (P), Glass (G).
Laser Pattern	:	Point
Laser Operation (Mode)	:	Continuous (CW).
Laser Structure	:	Single Mode Laser.
Power Stability	:	<1%.
Wavelength Drift	:	0.2nm/℃.
Laser Class	:	Class II, Class IIIA.
Control Circuit	:	Auto Power Control.
Operating Temperature	:	-10℃~+50℃.
Storage Temperature	:	-40℃~+80℃.
Electrical Connections	:	+Red, -Black.
Cable	:	22 cm.
Dimension	:	11 mm(D) X 21 mm(L)
Housing Material	:	Copper.

Application:

- Measurement
- Bio-analytical
- Automation
- Alignment



Operational Hazard-Semiconductor Laser Diode Module:
This laser module emits radiation that is visible and harmful to human eye. When in use, do not look directly into the laser emitting aperture. Direct viewing of laser diode emission at close range may cause eye damage.

Limited Warranty: One year. No warranty coverage for disassembly, modifications or damage due to abuse or misapplication.

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