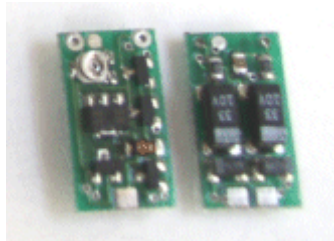


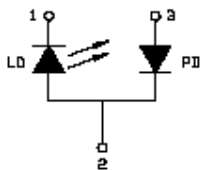
APCR-Fx Driver Circuit Boards



Specifications

- APC with voltage regulator
- Maximum power 500mW
- Soft-start protection
- Output power adjustable
- Input voltage 4.5 - 6 V DC for Input current <140mA
- Input voltage 4.5 - 9 V DC for Input current <70mA
- Output power constant
- Size: 18mm x 10mm x 6mm

This PCB is for the laser diode with the common anode pinout as the following drawing.



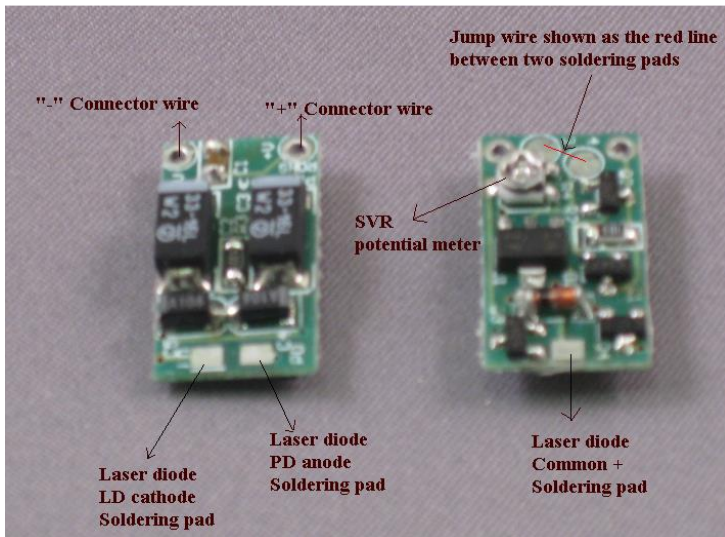
Pin#1: LD cathode

Pin#2: Common, LD anode/PD cathode

Pin#3: PD anode

1. Connect or solder the pins of laser diode and the wires to the PCB as the picture below.
2. **Please limit the maximum current** (based on the maximum operating current of laser diode) of your 5VDC power supply to protect your laser before you connect the laser module to the 5VDC power supply.
3. You can adjust the output power of laser by adjusting the SVR potential meter.

Connection of PCB to Laser Diode with Common Anode Pin configuration:



Product Overview

Part Number	Description
APCR-F1	For laser diode with monitor current in the range of 10-100uA
APCR-F2	For laser diode with monitor current in the range of 100-200uA
APCR-F3	For laser diode with monitor current in the range of 200-300uA
APCR-F4	For laser diode with monitor current in the range of 300-400uA
APCR-F5	For laser diode with monitor current in the range of 400-500uA

Note: The specifications are subject to change without notice.



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