DROK DC-DC 5-36V to 1.25-32V Buck Converter

(091029)

Product Parameters:
Input voltage: 5-36V (the input voltage should at least 1.5V higher than the output voltage)
Output voltage: 1.25-32V (continuously adjustable, default output 17V.)
Output Current: 5A MAX (please use it within 4.5A)
Output Power: Max 75W (please use it within 50W. if the pressure difference is big, please reduce power)
Operating temperature: -40 to +85 °C
Operating frequency: 180KHz
Conversion efficiency: up to 96%
Short circuit protection: Yes
Overtemperature protection: (automatically shut off the output after overtemperature)
Input reverse polarity protection: No, (if necessary, please input string into high current diode)
Installation: 4pcs 3mm screws
Wiring: (solder terminals) V-IN is the input, V-OUT is the output
Note:
1. If the module can not be adjusted, the output voltage is always equal to the input voltage. Please counterclockwise turn the potentiometer for 10 laps or more, then you can adjust the output voltage. Because the factory default output voltage is 17V.
2. Module output terminal string has a current sampling resistor, there will be 0-0.2V voltage drop after connected to the load, it is a normal phenomenon.
3. If its output is more than 3A/35W, please enhance heat dissipation!
4. The output voltage of the USB port is the same as the output voltage of wiring terminal. Please make sure the module’s output voltage is set at 5V before connecting USB device.