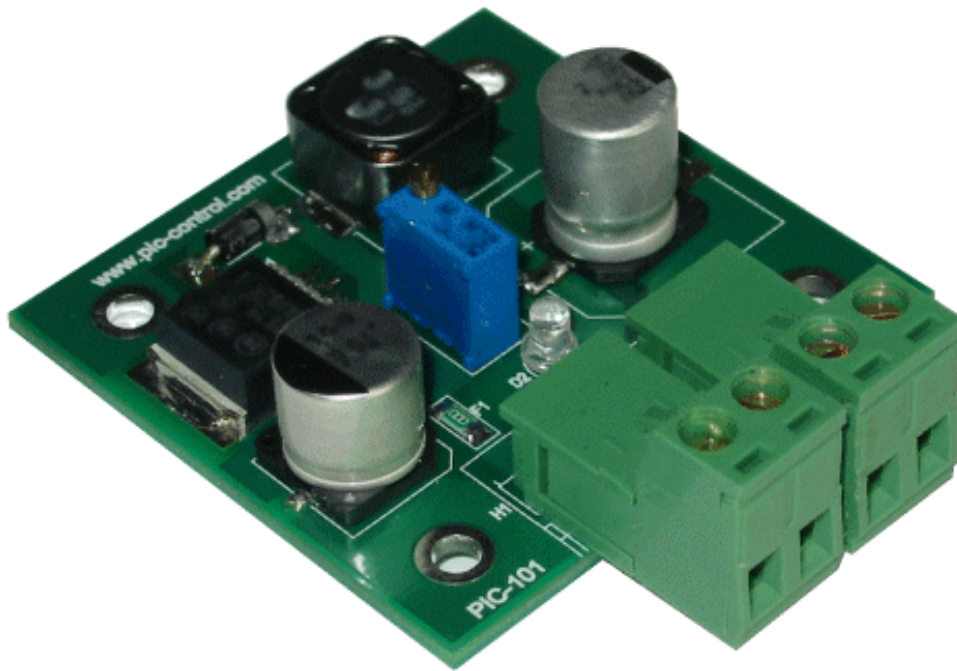


DC-DC converter

PIC-101 DC-DC converter

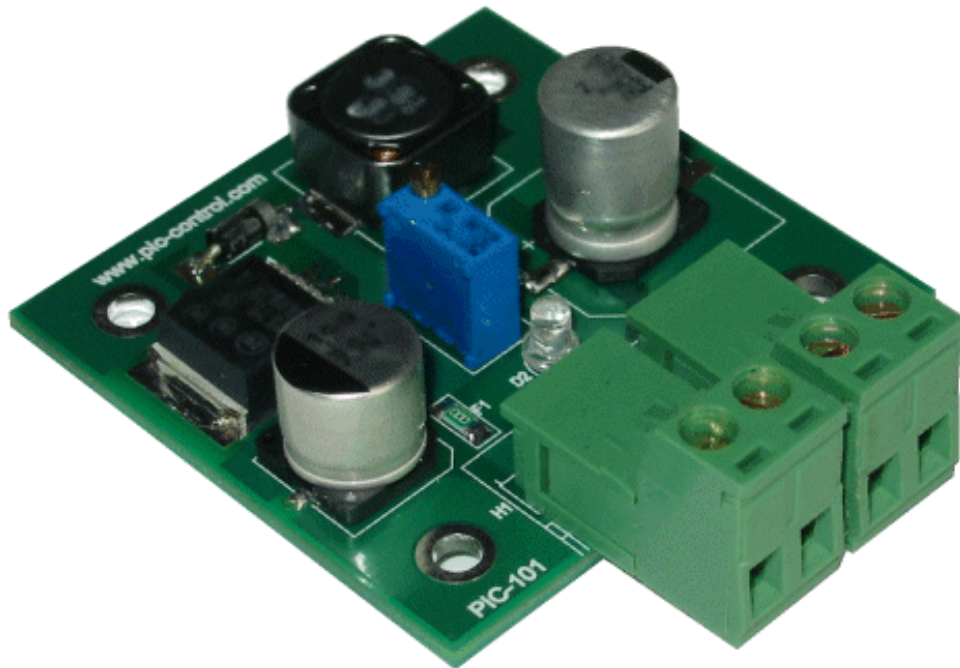


Content

1. Description.....	3
2. Features.....	3
3. Available models.....	4
4. Mechanical Dimension.....	5
5. Specifications & Features.....	6

DC-DC converter

PIC-101 DC-DC converter



1. Description

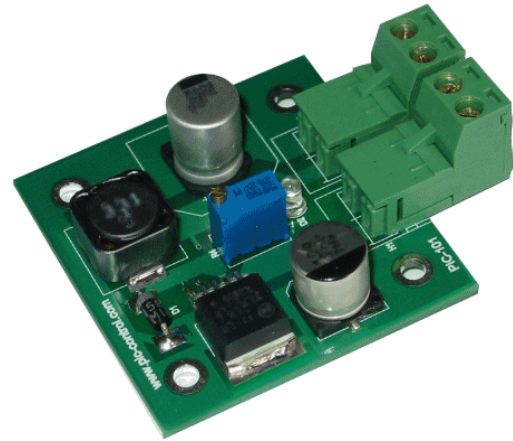
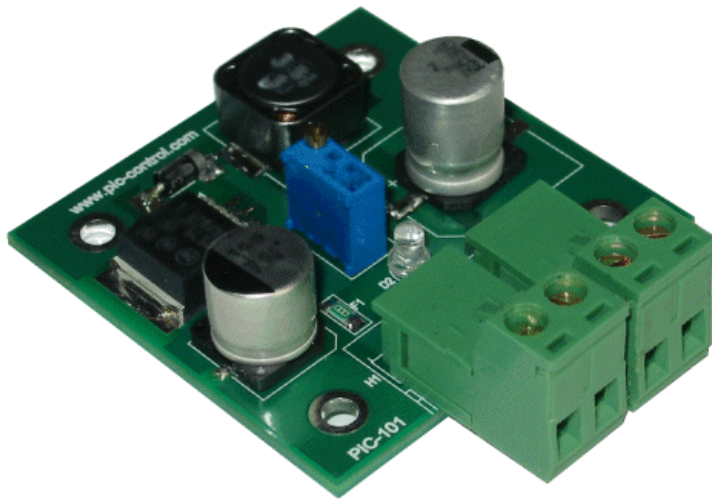
PIC-101 converts a wide range of voltage input to a lower preset voltage. Typical voltage output 3.3V, 5V, 12V, or voltage out range from 3V to 24V. Small in size, easy to deploy.

2. Features

1. wide input voltage 12V, 13.2V, 7V to 24V.
2. voltage output 3.3V, 5V, 12V or 3V to 24V range.
3. easy and convenient to deploy.

Note: Please take note that this is a step down voltage converter. The input voltage has to be higher than the output voltage.

3. Available models



Note: For input voltage up to 60V, you can contact us for further information.

S/N	PIC-101 model	INPUT voltage	OUTPUT voltage	OUTPUT current
1.	PIC-101-a33	7Vdc-24Vdc	3.3V	1A
2.	PIC-101-a05	7Vdc-24Vdc	5.0V	1A
3.	PIC-101-a12	7Vdc-24Vdc	12V	1A
4.	PIC-101-aADJ	7Vdc-24Vdc	Adjustable (3.3V – 7V) for other Vout range, please contact us.	1A
5.	PIC-101-b33	7Vdc-24Vdc	3.3V	3A
6.	PIC-101-b05	7Vdc-24Vdc	5.0V	3A
7.	PIC-101-b12	7Vdc-24Vdc	12V	3A
8.	PIC-101-bADJ	7Vdc-24Vdc	Adjustable (3.3V – 7V) for other Vout range, please contact us.	3A

4. Mechanical Dimension

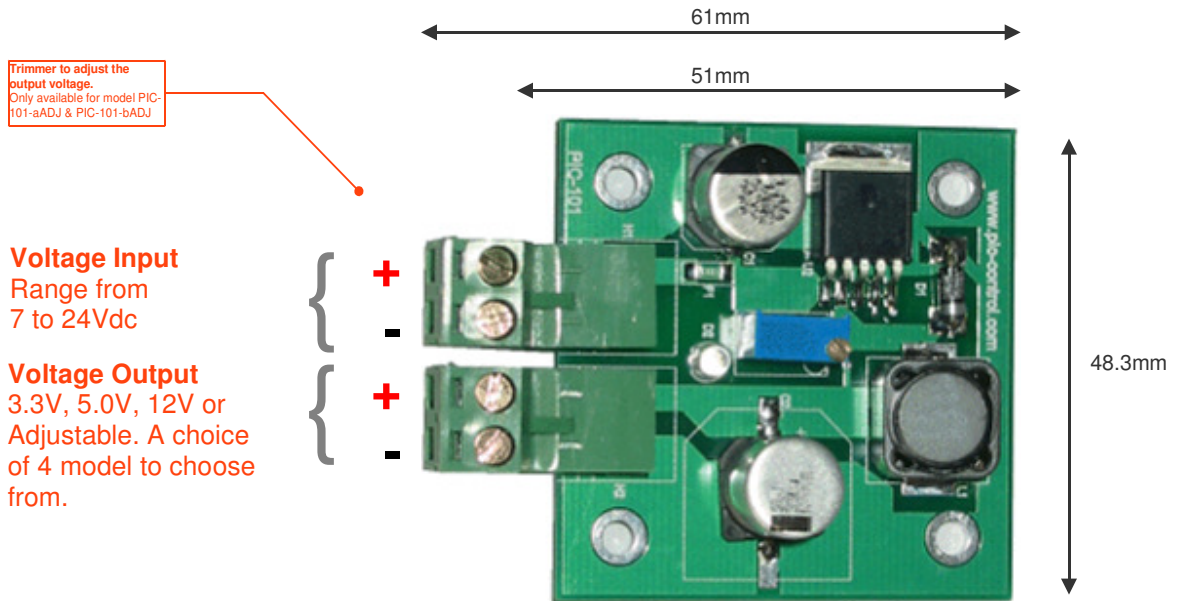
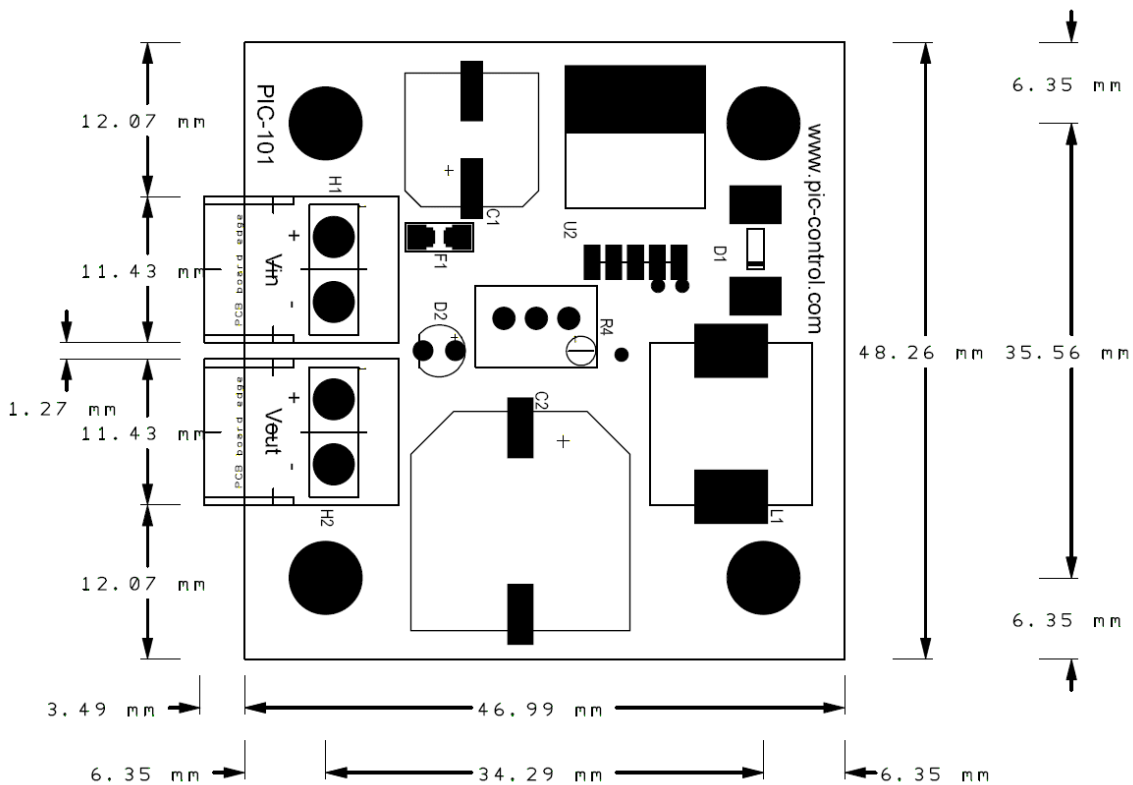


Fig: dimension



5. Specifications & Features

Interface	
Connector	Pluggable screw terminal for voltage IN, and OUT terminal.
Power Source	
Input Voltage	5Vdc to 24Vdc (standard version) Up to 60Vdc (enhanced version)
Power	5W (model PIC-101-aXX), 15W (model PIC-101-bXX)
Environment	
Operating Temperature	-40°C to 125°C
Storage Temperature	-65°C to 150°C
Size	
	51x 48.3x15.5 mm L x W x H (without screw terminal plug) 61x 48.3x15.5 mm L x W x H (with screw terminal plug)
Weight	
	30g (±0.5g)
Accessories	



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