

Features

- ▶ Product No: **HPD006B Series**
- ▶ Input : DC5V or DC12V
- ▶ Output: 350mA or 700mA DC constant current
- ▶ Freely drive up High Power LEDs individual channel
- ▶ Easy to drive High Power LED
- ▶ Meet CE

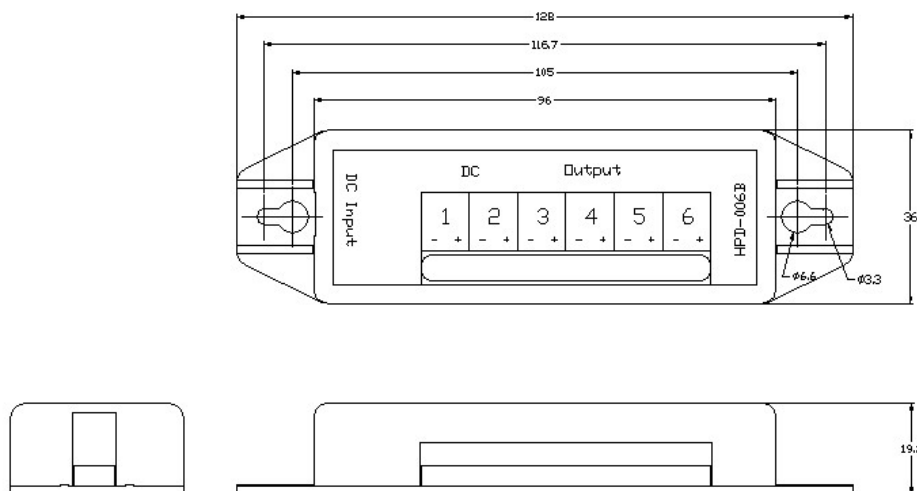


Description

Part No.	Input Condition	Constant Current	Application
HPD006B-C1-1	DC5V	350mA	6 channels, 1W×1pcs High Power LED/Channel
HPD006B-C3-1	DC5V	700mA	6 channels, 3W×1pcs High Power LED/Channel
HPD006B3ADJ-C1-1	DC5V	10~400mA	3 channels, 1W×1pcs High Power LED/Channel
HPD006B3ADJ-C3-1	DC5V	10~750mA	3 channels, 3W×1pcs High Power LED/Channel
HPD006B-D1-1	DC12V	350mA	6 channels, 1W×1pcs High Power LED/Channel
HPD006B-D1-2	DC12V	350mA	6 channels, 1W×2pcs High Power LEDs/Channel
HPD006B-D1-3	DC12V	350mA	6 channels, 1W×3pcs High Power LEDs/Channel
HPD006B-D3-1	DC12V	700mA	6 channels, 3W×1pcs High Power LED/Channel
HPD006B-D3-2	DC12V	700mA	6 channels, 3W×2pcs High Power LEDs/Channel
HPD006B-D3-3	DC12V	650mA	6 channels, 3W×3pcs High Power LEDs/Channel
HPD006B-D5-1	DC12V	700mA	6 channels, 5W×1pcs High Power LED/Channel
HPD006B3ADJ-D1-3	DC12V	10~400mA	3 channels, 1W×3pcs High Power LED/Channel
HPD006B3ADJ-D3-3	DC12V	10~750mA	3 channels, 3W×3pcs High Power LED/Channel

Dimensions:

128mm (L) x 36mm (W) x 19.2mm (H)



HPD006B(DC 5V Input) Electrical characteristics

Parameter	HPD006B-C1-1	HPD006B-C3-1	HPD006B3ADJ-C1-1	HPD006B3ADJ-C3-1
Input Voltage	DC5V/2.5A	DC5V/5A	DC5V/2.5A	DC5V/5A
Output Voltage Range	3~4V	3~4V	3~4V	3~4V
High Power LED	1W*1pcs	1W*1pcs	1W*1pcs	1W*1pcs
Output Current Range	Min310~Typ350~Max390mA	Min630~Typ700~Max850mA	Min10~Max400mA	Min10~Max750mA
Operating Ambient Temperature	25℃	25℃	25℃	25℃
Max Temperature on Heatsink	90℃	90℃	90℃	90℃

HPD006B(DC 12V Input) Electrical characteristics

Parameter	HPD006B-D1-1	HPD006B-D1-2	HPD006B-D1-3
Input Voltage	DC12V/2.5A	DC12V/5A	DC12V/2.5A
Output Voltage Range	3~4V/Channel	6~8V/Channel	9~11V/Channel
High Power LED	1W*1pcs	1W*2pcs IN SERIES	1W*3pcs IN SERIES
Output Current Range	Min310~Typ350~Max390mA	Min310~Typ350~Max390mA	Min310~Typ350~Max390mA
Operating Ambient Temperature	25℃	25℃	25℃
Max Temperature on Heatsink	90℃	90℃	90℃

HPD006B(DC 12V Input) Electrical characteristics

Parameter	HPD006B-D3-1	HPD006B-D3-2	HPD006B-D3-3
Input Voltage	DC12V/5A	DC12V/5A	DC12V/5A
Output Voltage Range	3~4V/Channel	6~8V/Channel	9~11V/Channel
High Power LED	3W*1pcs	3W*2pcs IN SERIES	3W*3pcs IN SERIES
Output Current Range	Min630~Typ700~Max850mA	Min630~Typ700~Max850mA	Min630~Typ700~Max850mA
Operating Ambient Temperature	25℃	25℃	25℃
Max Temperature on Heatsink	90℃	90℃	90℃

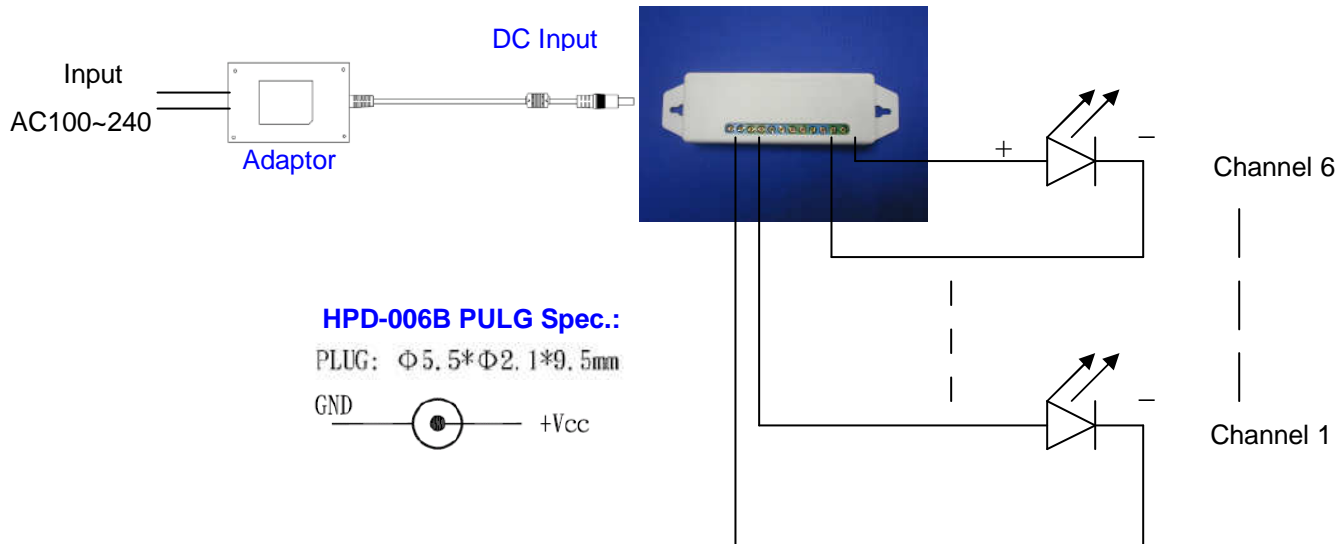
HPD006B(DC 12V Input) Electrical characteristics

Parameter	HPD006B-D5-1	HPD006B3ADJ-D1-3	HPD006B3ADJ-D3-3
Input Voltage	DC12V/5A	DC12V/2.5A	DC12V/5A
Output Voltage Range	3~4V/Channel	9~11V/Channel	9~11V/Channel
High Power LED	3W*1pcs	1W*3pcs IN SERIES	3W*3pcs IN SERIES
Output Current Range	Min630~Typ700~Max850mA	Min10~Max400mA	Min10~Max750mA
Operating Ambient Temperature	25℃	25℃	25℃
Max Temperature on Heatsink	90℃	90℃	90℃

Configuration Arrays

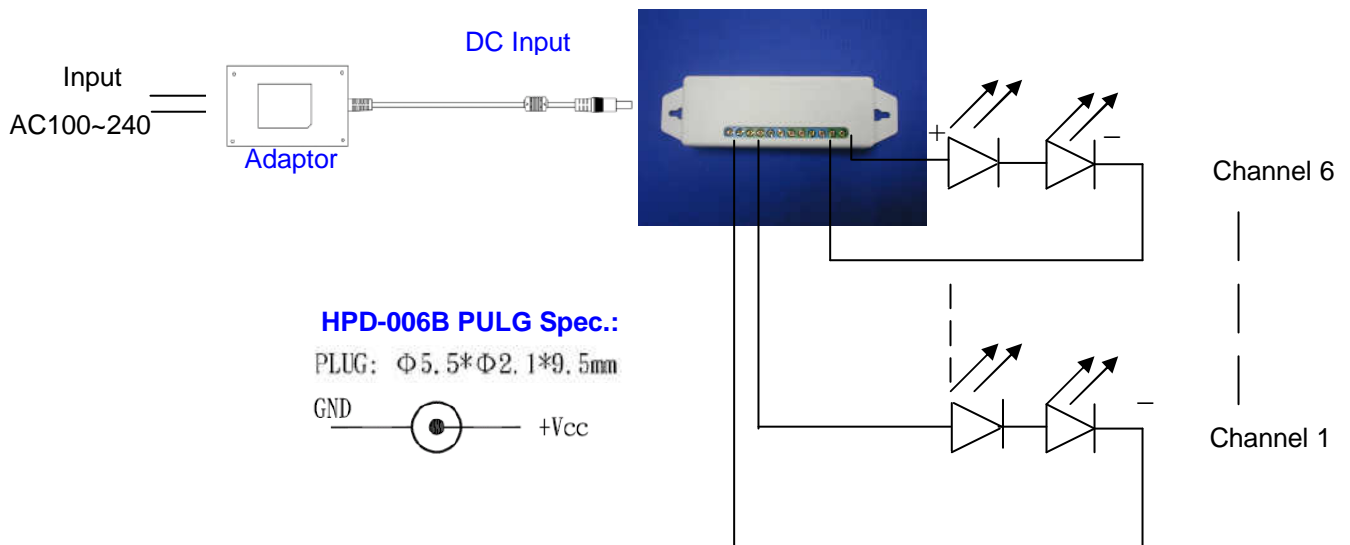
Part No.: HPD006B-XX-1

Drive up 1pcs High Power LED/Channel



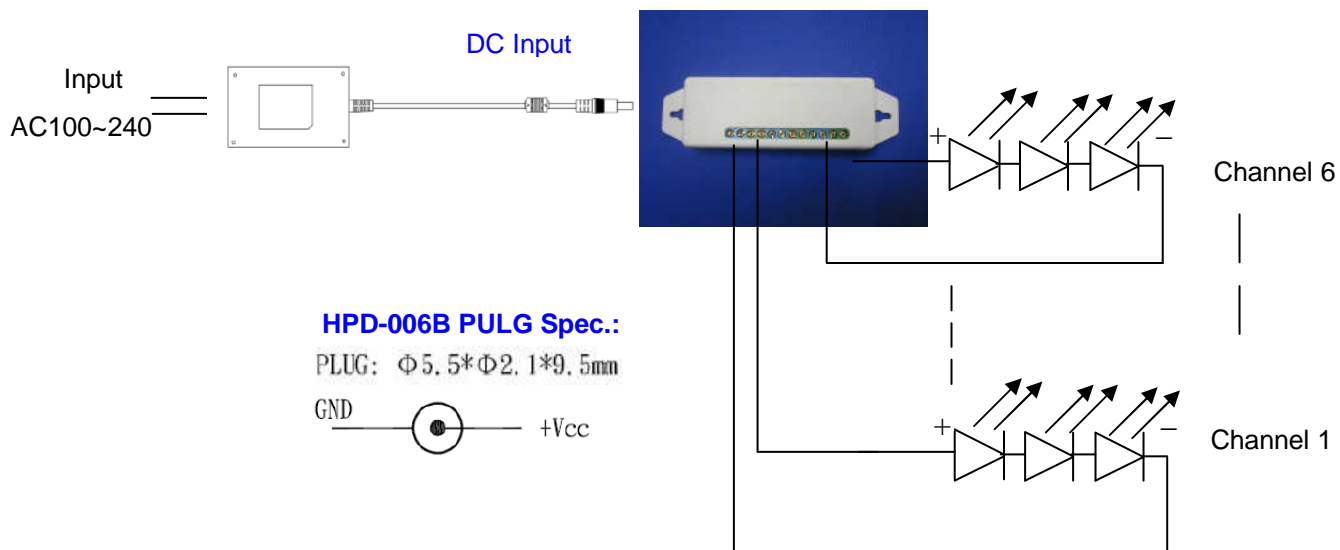
Part No.: HPD006B-XX-2

Drive up 2pcs High Power LEDs in series/Channel



Part No.: HPD006B-XX-3

Drive up 3pcs High Power LEDs in series/Channel



HPD006B-3ADJ SERIES



Part No.: HPD006B3ADJ-XX-1

Input: DC5V

Drive up 1pcs High Power LED/Channel

