



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## DC Power Converter (9-30V to 12/24V)

PART NUMBER:76000976

Image  
Not  
Available

### Input Specifications:

- DC input voltage range : 9V ~ 30V
- DC input voltage rating : 12V/24V
- DC input current : 2.0A max at 12VDC

### Output Specifications:

- Output voltage : +5V
- Max. load current : 3A
- Min load current : 0A
- Tolerance :  $\pm 5\%$

### General characteristics:

- Max. output power : 15 watts continuous.
- Efficiency : 70% ( Minimum ) at Maximum load at 12VDC.
- Turn-on delay : 2 second max. at 12VDC
- Transient response : Output return within  $\pm 10\%$  tolerance of nominal

voltage within 1m sec. for 50% load change, 120Hz 50% duty cycle.

- Over voltage protection : 6.2V reference with output Zener Diode.
- Short circuit protection : Protection against short circuit for output

#### **Environmental:**

- Operating temperature : -30°C to 70°C
- Storage temperature : -30°C to 80°C
- Operating relative humidity : 10% to 85%
- Storage relative humidity : 5% to 95%

#### **Mechanical:**

- Dimensions : 74.5 mm long x 49.5 mm width x 40.5 mm height
- Input connector : Length: 4ft;  
Conductor : XTW #20\*2C; PLUG : Bare-wire (tinned)
- Color : Black
- Input Pin Configuration : Location :  
Mark/RED : +12/24V DC; BLK : RTN
- Output connector : Length: 1ft;  
Conductor : XTW #20\*2C; PLUG : Barrel 5.5 x 2.5 x 9.5 mm