

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

PART NUMBER:76000976

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### 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