



ENGLISH

# External power supplies

AC/DC Single Output Desk top Type

90 Watts.

ED1096 Series



## Features

- Input range 11 to 16V DC
- Energy saving compact design
- RoHS Compliance
- Cigar Input
- USB Port (+5V @ 0.8A max) Output
- Over voltage and over current protection
- MTBF: >30,000 hours

## Electrical Specifications

RS STOCK NO.	MODEL OUTPUT	VOLTAGE (Vo)	MAX. LOAD (Io)	POWER (Watts)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
417-906	ED1096A(01)	16V	5A	80W	+/- 5%	+/- 1%	1.2%
417-916	ED1096B(03)	19V	4.7A	90W	+/- 5%	+/- 1%	1.2%
417-900	ED1096D(01)	24V	3.75A	90W	+/- 5%	+/- 1%	1.2%

NOTE:

1: Ripple & noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uf ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.

## Electrical Specifications

### INPUT

- Input Range 11 to 16VDC
- Input Current  $\leq 10A$
- Efficiency 87% Typ.

### OUTPUT

- Short Circuit Protection Latch off

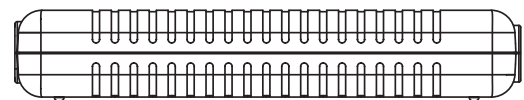
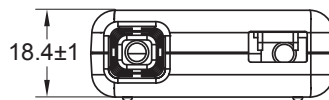
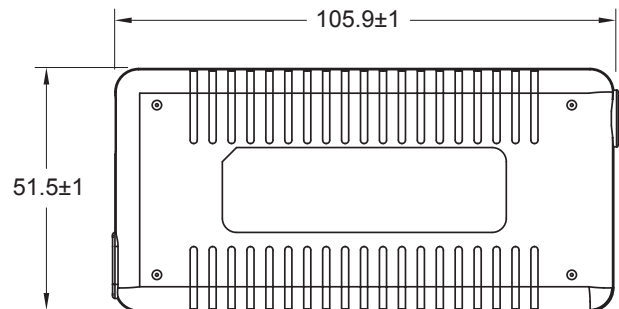
### ENVIRONMENTAL

- Operating Temperature 0 to 40°C
- Storage Temperature -20 to 85 °C
- Storage Humidity 5 % to 95%

### SAFETY and EMC

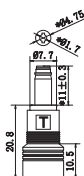
- e1, FCC

## Mechanical Specification

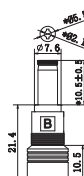


- Case Size: 105.9Lx51.5Wx18.4H (mm)
- Weight: 220g

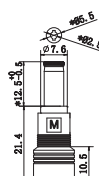
4.75 / 1.75 / 11.00mm



5.5 / 2.1 / 10.50mm



5.5 / 2.5 / 12.5mm



6.3 / 3.0 / 12.00mm

