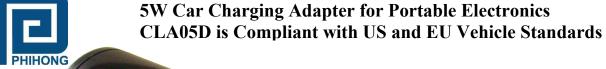
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## **Features**

High Efficiency

Compliant with EU Vehicle Standards

Robust Design

**Battery Charging** 

## **Applications**

Portable Electronics

**Mobile Phones** 

# **Safety Approvals**

CE

C-Tick

cUL/UL

E-mark

### **Mechanical Characteristics**

Length: 85.28mm (3.36in)

Diameter (at cord): 30.48mm (1.2in)

Diameter (at tip): 19.3mm (0.76in)

Weight: 81.7g (2.88oz)

## **Output Specifications**

Model	DC Output Voltage	Load		Ripple
		Min.	Max.	P-P (max.)
CLA05D-050A-R	5.0V	0A	1.0A	100mVp-p

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### **CLA05D-050A Characteristics**

# **Input:**

## **AC Input Voltage Range**

10 to 30V DC (12 Volts Nominal)

### **Input Current**

≤20mA at no load (12V Input) ≤0.65A at no load (10V Input) ≤0.27A at no load (30V Input)

## **Output:**

# **Output Power**

5W

### **Efficiency**

75% minimum at maximum load and 12V

#### Rise time:

<30mSec.

# **Input Over-Voltage**

Fuse will blow with no damage to unit

### **Output Over-Voltage**

By Zener clamping

# **Dimension Diagram Unit: mm**

# **Reverse Polarity Protection**

Fuse will blow with no damage to unit

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#### **Short-Circuit Protection**

Current limiting without damage to unit

## **Environmental:**

# **Temperature**

Operation -20 to 60°C Non-operation -40 to 80°C

Operating Humidity 0 to 95%

#### **MTBF**

100K Hours Minimum at full load and ambient 25°C

#### **DC Output Connector**

2.1mm x 5.5mm x 9mm Center Positive Barrel

#### **DC Cord**

1.75 Meters (extended)

