



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!



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**5W Car Charging Adapter for Portable Electronics
CLA05D is Compliant with US and EU Vehicle Standards**



Features

- High Efficiency
- Robust Design
- Compliant with EU Vehicle Standards
- Battery Charging

Applications

- Portable Electronics
- Mobile Phones

Safety Approvals

- CE
- cUL/UL
- C-Tick
- E-mark

Mechanical Characteristics

- Length: 85.28mm (3.36in)
- Diameter (at tip): 19.3mm (0.76in)
- Diameter (at cord): 30.48mm (1.2in)
- Weight: 81.7g (2.88oz)

Output Specifications

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

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.

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

Reverse Polarity Protection

Fuse will blow with no damage to unit

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)

Dimension Diagram Unit: mm

