



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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## 10W Car Charging Adapter for Portable Electronics CLM10D 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
- FCC
- 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.	
CLM10D-050(A)-R	5.15V	0A	2.0A	100mVp-p

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**Input:**

**AC Input Voltage Range**

10 to 30V DC (12 Volts Nominal)

**Input Current**

≤30mA at no load (12V Input)

≤1.40A at no load (10V Input)

≤1.44A at no load (30V Input)

**Output:**

**Output Power**

10W

**Efficiency**

80% minimum at maximum load and 12V

**Rise time:**

<50mSec.

**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 85°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**

1.61 Meters (extended)

**Dimension Diagram Unit: mm**

