



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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# KTPS05-05015U-MicroB

## 7 Watt 5V USB Micro-B Output Wall Mount Adapter

### INPUT SPECIFICATIONS

All specifications are typical at nominal input, full load.

### INPUT SPECIFICATIONS

Input Voltage	AC 100 – 240VAC
Input Frequency	50 – 60Hz
Input Current	0.19A Max
Protection	Internal Primary Current Fuse Inrush Limiting

### OUTPUT SPECIFICATIONS

Output Voltage	5V
Efficiency	CEC Level V, ErP Stage 2 Certified
Protection	Short Circuit Protection Over Current Protection Over Voltage Protection
Ripple	1 – 2 % Vp-p (max)
Hold-Up Time	10 mS @ Full Load
Transient Response	0.5mS for 50% Load Change(typ)
Load Regulation	± 5% (typ)
Leakage Current	0.25mA @ 2 pin

### GENERAL SPECIFICATIONS

MTBF(Calculated)	50,000 Hours Calculated hours at 25°C by MIL-HDBK-217F
Dielectric Withstanding Voltage	3,000 VAC Primary – Secondary
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to EN61000-4- 2,3,4,5,6,8,11
Safety Approvals	UL/cUL



### FEATURES

- UNIVERSAL INPUT (AC100-240V)
- USB MICRO-B OUTPUT CONNECTOR
- OVER VOLTAGE PROTECTION
- OVER CURRENT PROTECTION
- SHORT CIRCUIT PROTECTION
- MODIFICATION AND CUSTOM DESIGN AVAILABLE
- ROHS COMPLIANT
- CEC LEVEL V

### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0°C~+40°C
Storage Temperature	-20°C ~ +80°C
Cooling.	Convection
Operating Humidity	20 – 80% Rh
Storage Humidity	10 – 90% Rh

### MECHANICAL SPECIFICATIONS

Case Dimension	L52 x W29 x H63 (mm)
DC Cord	20AWG (Optional 22 AWG)



# KTPS05-05015U-MicroB

Model Number	Output Voltage	Output Current	Max Output Power
KTPS05-05015U-MicroB	5.0V	1.5A	7.50W

Note: Optional UK, EU, and US(Frontal) Input Configuration Available.

## Mechanical Drawing:

