

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 Series**

**DoE Level VI** 

## 5 Watt Universal Input, Wall Mount Adapter

### **INPUT SPECIFICATIONS**

All specifications are typical at nominal input, full load.

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

OUTPUT SPECIFICATIONS			
Output Voltage	See Chart		
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCan		
Protection	Short Circuit Protection		
	Over Current Protection		
	Over Voltage Protection		
Ripple	1 – 2 % Vp-p (max)		
Hold-Up Time	10 mS (min)		
Transient Response	0.5mS for 50% Load Change(typ)		
Load Regulation	± 5% (typ)		
Leakage Current	0.25mA @ 2 pin		

GENERAL SPECIFICATIONS			
MTBF(Calculated)	300,000 Hours Calculated hours at 25°C by Telcordia SR-332		
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**

- DoE LEVEL VI
- UNIVERSAL INPUT (AC100-240V)
- OVER VOLTAGE PROTECTION
- OVER CURRENT PROTECTION
- SHORT CIRCUIT PROTECTION
- ROHS COMPLIANT

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 L56 x W42 x H28 (mm)			
Input Configuration	US Plug		
DC Cord	20AWG (Optional 22 AWG)		
Output Connector	5.5 x 2.1 x 9.5mm C+		



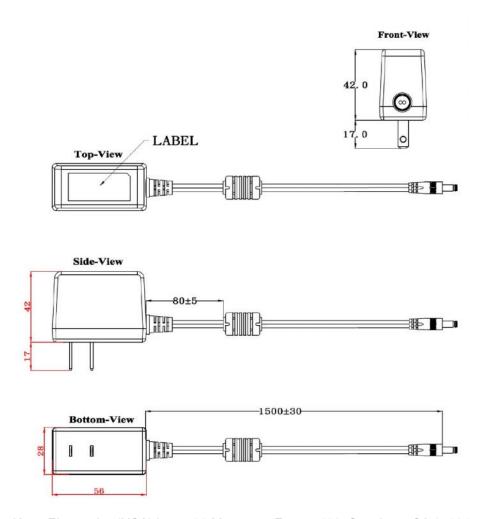
# **KTPS05 Series**

### **DoE Level VI**

Model Number	Output Voltage	Output Current	Max Output Power
KTPS05-03315U-VI	3.3V	1.5A	4.95W
KTPS05-05010U-VI	5.0V	1.0A	5.00W
KTPS05-05015U-VI	5.0V	1.5A	7.50W
KTPS05-05015U-VI-MicroB	5.0V	1.5A	7.50W
KTPS05-06012U-VI	5.9V	1.2A	7.20W
KTPS05-07510U-VI	7.5V	1.0A	7.50W
KTPS05-09006U-VI	9.0V	0.6A	5.40W
KTPS05-12006U-VI	12.0V	0.6A	7.20W
KTPS05-15005U-VI	15.0V	0.5A	7.50W

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

### **Mechanical Drawing:**



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