



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

CEC/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	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

- **CEC/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	See connector chart

Model Number	Output Voltage	Output Current	Max Output Power
KTPS05-03015U-VI	3.0V	1.5A	4.50W
KTPS05-03315U-VI	3.3V	1.5A	4.95W
KTPS05-04215U-VI	4.2V	1.5A	6.30W
KTPS05-04515U-VI	4.5V	1.5A	6.75W
KTPS05-05010U-VI	5.0V	1.0A	5.00W
KTPS05-05015U-VI	5.0V	1.5A	7.50W
KTPS05-06012U-VI	6.0V	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.

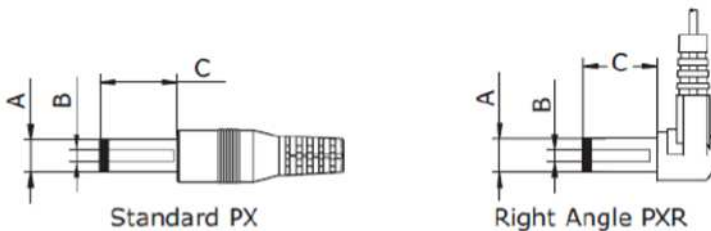
Part Number Key:

KTPS05- xxx yy WA - VI - p

xxx = output voltage 12=12.0V 135 = 13.5V example
yy = output current 55 = 5.5 amp example
p = output connector P1/(R)* = 2.1/5.5/9.5mm, P2/(R)* = 2.5/5.5/9.5...
 * R = Right Angle Connectors

Note: Center Positive (+) standard

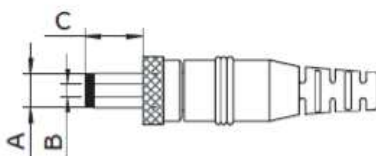
Standard DC Plug



	A	B	C	Unit
P1 / P1R	5.5	2.1	9.5	mm
P2 / P2R	5.5	2.5	9.5	mm
P3 / P3R	3.5	1.35	9.5	mm
P4 / P4R	3.8	1.35	9.5	mm
P5 / P5R	3.8	1.05	9.5	mm

P100 = User Defined

Locking DC Plug



	A	B	C	Unit
P6	5.5	2.1	9.5	mm
P7	5.5	2.5	9.5	mm



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CEC/DoE Level VI

Mechanical Drawing:

