



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

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 | 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 (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

- UNIVERSAL INPUT (AC100-240V)
- OVERVOLTAGE PROTECTION
- OVERCURRENT PROTECTION
- 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) |
| Input Configuration | IEC320-C14 Optional(C6, C8, C18) |
| DC Cord | 20AWG (Optional 22 AWG) |
| Output Connector | 5.5 x 2.1 x 9.5mm C+ |



KTPS05 Series

| Model Number | Output Voltage | Output Current | Max Output Power |
|---------------|----------------|----------------|------------------|
| KTPS05-03015U | 3.0V | 1.5A | 4.50W |
| KTPS05-03315U | 3.3V | 1.5A | 4.95W |
| KTPS05-04215U | 4.2V | 1.5A | 6.30W |
| KTPS05-04515U | 4.5V | 1.5A | 6.75W |
| KTPS05-05010U | 5.0V | 1.0A | 5.00W |
| KTPS05-05015U | 5.0V | 1.5A | 7.50W |
| KTPS05-06012U | 6.0V | 1.2A | 7.20W |
| KTPS05-07510U | 7.5V | 1.0A | 7.50W |
| KTPS05-09006U | 9.0V | 0.6A | 5.40W |
| KTPS05-12006U | 12.0V | 0.6A | 7.20W |
| KTPS05-15005U | 15.0V | 0.5A | 7.50W |

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

Mechanical Drawing:

