



# 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<br>Inrush Limiting |

### OUTPUT SPECIFICATIONS

|                    |  |
|--------------------|--|
| Output Voltage     | See Chart  |
| Efficiency         | CEC Level V, ErP Stage 2<br>Certified  |
| Protection         | Short Circuit Protection<br>Over Current Protection<br>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<br>at 25°C by Telcordia SR-332 |
| Dielectric Withstanding<br>Voltage | 3,000 VAC Primary – Secondary                                 |
| EMI<br>Conduction & Radiation      | Compliance to EN55022 Class B                                 |
| Harmonic Current                   | Compliance to EN61000-3-2,3                                   |
| EMS Immunity                       | Compliance to EN61000-4-<br>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<br>Optional(C6, C8, C18) |
| DC Cord             | 20AWG<br>(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:

