



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:

