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[KTPS05-05015U-MICROB](#)

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# KTPS05-05015U-MicroB

## 7 Watt 5V USB Micro-B Output Wall Mount Adapter

### INPUT SPECIFICATIONS

All specifications are typical at nominal input, full load.

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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)



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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:

