5W Compact Fixed Blade Power Adapter (Europe)
Ecodesign Compliant USB Adapter





Features

- Fixed Blade
- Ecodesign ErP Directive 2009/125/EC level 2 annex 1b Compliant
- Low Cost
- Low Profile
- Halogen Free

Applications

- Smart Phones
- PDA
- Personal Electronics
- Digital Camera

Safety Approvals

- CE

Mechanical Characteristics

- Length: 60.2mm (2.37in)
- Width: 43mm (1.65in)
- Height: 21.0mm (0.87in)
- Weight: 80g (3oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1)	Regulation		Case Color
		Min.	Max.	P-P (Max)	Line	Load	
PSA05E-050QA-H	5V	0A	1A	200mV	±5%		Black
PSA05E-050QW-H	5V	0A	1A	200mV	±5%		White

Note: (1) Measured after 10 minutes with by-pass capacitors 0.1uf // 10uf at output connector terminal and oscilloscope set at 20MHz.

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PSA05E Characteristics

WWW.PHIHONG.COM

INPUT:

AC Input Voltage Rating
100 to 240VAC

AC Input Voltage Range
90 to 264VAC

AC Input Current
0.15A(RMS) max.

Leakage Current
5μA maximum

Input Power Saving
<30mW max

OUTPUT:

Power
5W Continuous

Efficiency
Meets Level V Efficiency Requirements

No-Load Power Saving
0.03W maximum at 115VAC/230VAC

Hold-up Time
10mS min. @ 120VAC and max. load

Short Circuit Protection
Output may be shorted permanently without damage

Over-voltage Protection
Output shall not exceed 10V

ENVIRONMENTAL:

Temperature

Operation	0 to +40°C
Non-operation	-40 to +85°C
Operation	10 to 90%

Immunity

ESD:	EN61000-4-2. Level 4
Surge:	EN61000-4-5. Level 3
Harmonic:	EN61000-3-2
Flicker:	EN61000-3-3

Emissions
FCC Class B
EN55022 Class B

Dielectric Withstand (Hi-pot) Test
Primary to Secondary: 3000VAC, 10mA for 1 minute

Insulation Resistance
Primary to Secondary: 10M ohm 500VDC

MTBF
100K hours minimum at 120VAC, max load (measured at ambient 25°C)

DC Output Connector
USB A

Dimension Diagram Unit: mm

