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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	Load		Ripple (1)	1) Regulation		Case
	Voltage	Min.	Max.	P-P (Max)	Line	Load	Color
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

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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

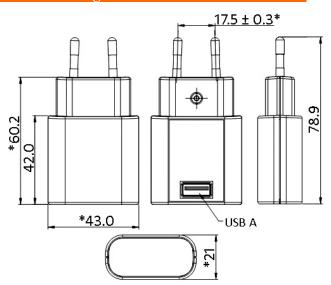
Hold-up Time

10mS min. @ 120VAC and max. load

Short Circuit Protection

Output may be shorted permanently without damage

Dimension Diagram Unit: mm



Over-voltage Protection

Output shall not exceed 10V

ENVIRONMENTAL:

Temperature

 $\begin{array}{lll} \text{Operation} & 0 \text{ to } +40^{\circ}\text{C} \\ \text{Non-operation} & -40 \text{ to } +85^{\circ}\text{C} \\ \text{Operation} & 10 \text{ to } 90\% \\ \end{array}$

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