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Model	DC Output	Load		Ripple ⁽¹⁾	Regulation	Efficiency
	Voltage	Min.	Max.	P-P (max.)	Line & Load	Level
PSB05R-050Q(A)-R	5V	0A	1A	55mV	±5%	V

(1) Measured by using a 12-inch twisted pair terminal with a 10uF EC capacitor and a 0.1uF ceramic in parallel, measured at maximum load.

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.

PSB05R Characteristics

Input: AC Input Voltage Rating 100 to 240V AC

AC Input Voltage Range 90 to 264V AC

AC Input Frequency 47 to 63Hz

Input Current .015A (RMS) maximum for 115V AC 0.08A (RMS) maximum for 230V AC

Leakage Current 0.02mA maximum for 240V AC, 50Hz

Inrush Current 40A maximum at 240V AC (Cold start at ambient 25°C)

Input Power Saving < 0.3Watts at no load

Output:

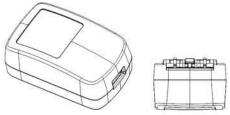
Efficiency 68% minimum at 120V AC, 60Hz and maximum load

Environmental:

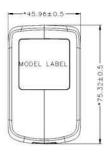
Temperature Operation Non-operation Relative Humidity

0 to +45°C -20 to +75°C 20 to 90%

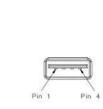
Dimension Diagram Unit: mm (inch)

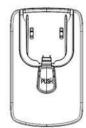












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Emissions FCC Part 15 Class B EN55022 Class B

Immunity

IEC61000-4-2 IEC61000-4-3 IEC61000-4-4 IEC61000-4-5 IEC61000-4-6 IEC61000-4-8 IEC61000-4-11 EN61000-3-2

Over-Voltage Protection

8V DC maximum

Over-Current Protection 5A maximum

Short-Circuit Protection Output can be shorted permanently without damage

Dielectric Withstand (Hi-pot) Test Primary to Secondary: 3000V AC for 1 min., 10mA

DC Output Connector USB Type A

AC Input Clips (sold separately)

RPA: US RPB: Brazil RPC: China RPE: Europe RPH: Korea RPI: India RPK: UK RPN: Argentina RPS: Australia RPX: IEC320 C8