



# 2.75W Foldable Pin USB Adapter

PSA03F-050Q1-R Series

● 5V/0.55A ● Foldable Pin ● DoE 6 & CoC V T2 ● USB ● Black



The PSA03F-050Q1-R, 5V/0.55A foldable pin USB adaptor series is the latest offering from a world leader in charging adapter technology and manufacturing - Phihong Technology. The PSA03F-050Q1-R foldable pin USB adaptor series is designed for charging your personal electronic devices and peripherals at home, in the office, or on the go. This foldable pin USB adaptor series conforms to most of the industry standards and meets DoE 6 and CoC V Tier 2 energy efficiency requirements, we ensure our products meet or exceed all the industry performance and safety requirements.

## Features :

Efficiency	DoE 6, CoC V tier 2 (71.42% min, average)
Power Saving	<30mW @ no load, 115Vac/230Vac
Protection	OVP, SCP
Isolation	Primary to Secondary 3000Vac, 10mA for 1min.
Insulation	Primary to Secondary >7M $\Omega$ , 500Vdc
Dimension	58x47x10 (mm)
Weight	25 (g)

## Electrical Specifications :

Input Voltage	100~240Vac (90~264Vac min/max)
Frequency	50/60Hz Nom (47~63Hz min/max)
Input Current	0.15A (RMS) max
Output Voltage	5V
Maximum Output Power	2.75W continuous
Output Ripple & Noise	100mV (pk-pk) @ 550mA load CR mode
Line Regulation	$\pm 5\%$
Leakage Current	<20 $\mu$ A @ 240Vac

## Environmental Specifications :

Operating Temperature	0 $^{\circ}$ C ~ +40 $^{\circ}$ C
Storage Temperature	-40 $^{\circ}$ C ~ +85 $^{\circ}$ C
Operating Humidity	35% ~ 90% RH
Storage Humidity	10% ~ 95% RH

## Safety and Compliance :

UL / CUL 60950-1, IEC 60950-1
EMI: FCC Class B; EN55022 Class B
ESD: Air $\pm 8$ KV, Contact $\pm 6$ KV, E61000-4-2, Level 3
Surge: $\pm 2$ KV (L-N) EN61000-4-5, Level 3
EFT: EN61000-4-4 Level 2 ; VDT: EN61000-4-11
Field: EN61000-4-3 Level 2 ; C/T: EN61000-4-6 Level 3
PEMT: EN61000-4-8 Level 3 ; Harmonic: EN61000-3-2 Class A
Flicker: EN61000-3-3

Note:

1. Measurements shall be made with an oscilloscope with 20MHz bandwidth. Output shall be bypassed at a connector with a 0.1 $\mu$ F ceramic capacitor and a 10 $\mu$ F low ESR electrolytic capacitor.

\* Foldable design with changeable AC plugs: US, EU, UK, Australia, Brazil, India.



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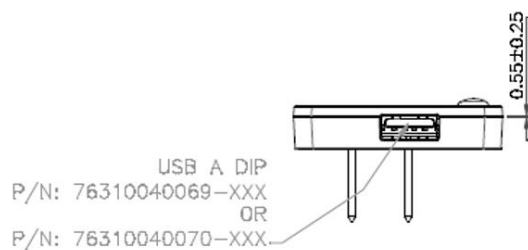
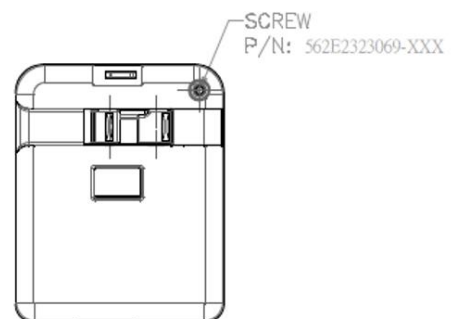
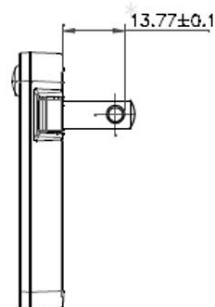
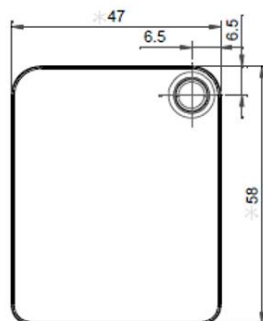
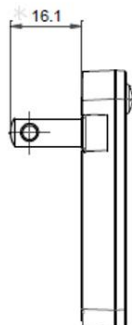
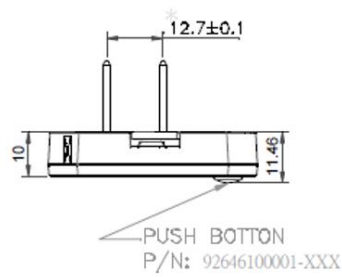
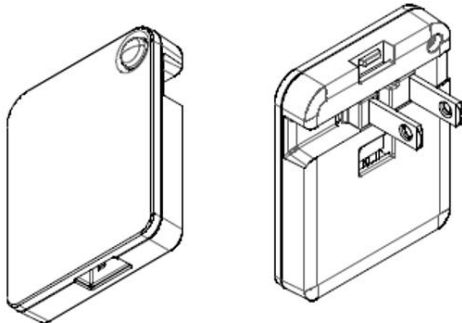
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Dimensions: mm



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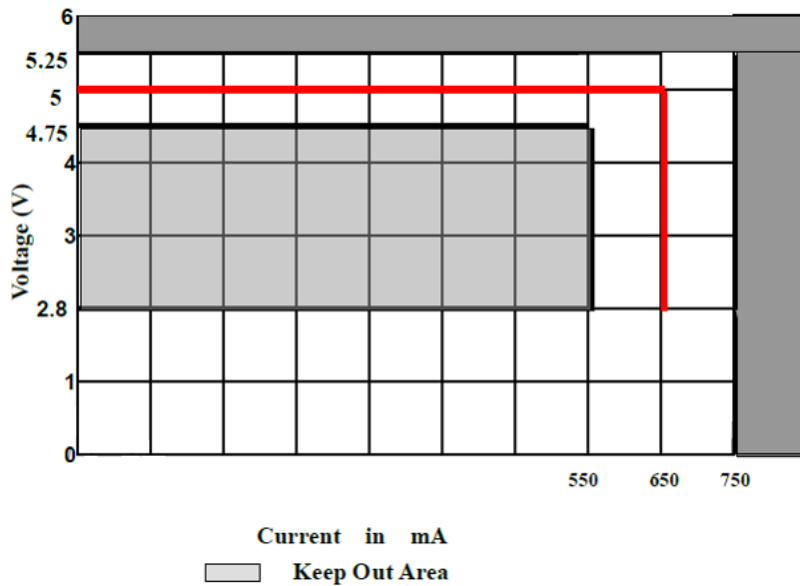
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## Output Voltage/Current Characteristic:



Model Selections			
Model Number	Output Voltage (Vdc)	Output Current (A)	Max. Output Power (W)
PSA03F-050Q1-R	5	0.55	2.75

### Note:

- \* Please inquire us about DoE 6 upgrade plan.
- \* Foldable design with changeable AC plugs: US, EU, UK, Australia, Brazil, India.

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