



2.75W DoE VI Fixed Pin USB Adapter

PSM03X-050Q-3-R / PSM03X-050Q-3W-R Series

● 5V/0.55A ● DoE 6 & CoC V5 T2 ● Fixed Pin ● USB ● Black/White



The PSM03X-050Q-3-R, 5V/0.55A USB adaptor series is the latest offering from a world leader in charging adapter technology and manufacturing - Phihong Technology. The PSM03X-050Q-3-R USB adaptor series is designed for charging your personal electronic devices and peripherals at home, in the office, or on the go. This USB adaptor series conforms to most of the industry standards and meets DoE 6 & CoC V5 Tier 2 energy efficiency requirements, we ensure our products meet or exceed all the industry performance and safety requirements.

Features :

Efficiency	DoE 6 & CoC V5 Tier 2 (68.95% min)
Power Saving	<30mW @ no load, 115Vac/230Vac
Protection	OVP, SCP
Isolation	Primary to Secondary 3000Vac, 10mA for 1min.
Insulation	Primary to Secondary >7MΩ, 500Vdc
Dimension (mm)	42.0 x 43.0 x 21.0 (mm)

Electrical Specifications :

Input Voltage	100~240Vac (90~264Vac min/max)
Frequency	50/60Hz Nom (47~63Hz min/max)
Input Current	0.1A (RMS) max
Output Voltage	5V
Maximum Output Power	2.75W continuous
Output Ripple & Noise	100mV (pk-pk)
Line Regulation	±5%
Leakage Current	<20μA @ 264Vac/63Hz

Environmental Specifications :

Operating Temperature	0°C ~ +40°C
Storage Temperature	-40°C ~ +85°C
Operating Humidity	0% ~ 90% RH
Storage Humidity	0% ~ 90% RH

Safety and Compliance :

UL / cUL 60950-1
EMI: FCC Class B; EN55022 Class B
ESD: Air ±15KV, Contact: ±8KV E61000-4-2, Level 4
Surge immunity: ±4KV (L-N) EN61000-4-5, Level 4
Harmonic: EN61000-3-2
Flicker: EN61000-3-3

Note:

- Measurements shall be made with an oscilloscope with 20MHz bandwidth. Output shall be bypassed at a connector with a 0.1uF ceramic capacitor and a 10uF low ESR electrolytic capacitor.
- Efficiency: Measure efficiency at 100%, 75%, 50%, 25% load after burn-in 30 minutes at 100% load, then compute the arithmetic average of these 4 values.

*X=A, C, E, K, S A=USA C=China E=EU K=UK S=AU



PHIHONG TECHNOLOGY CO., LTD.

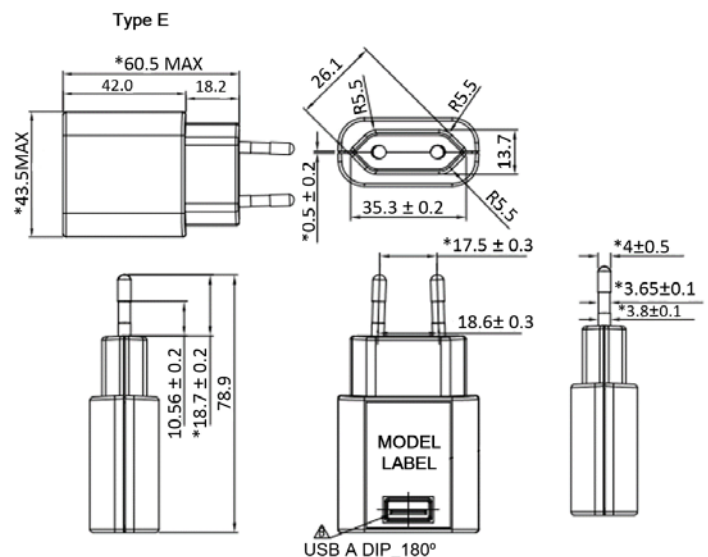
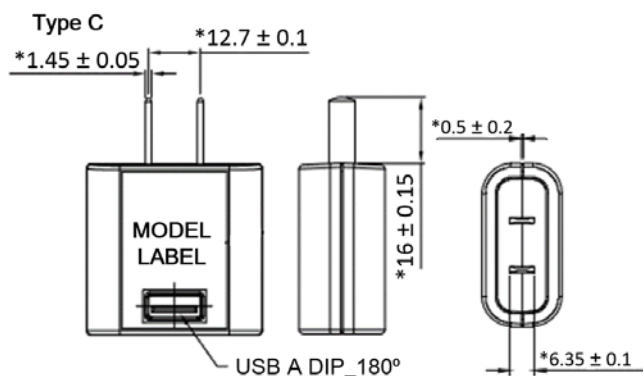
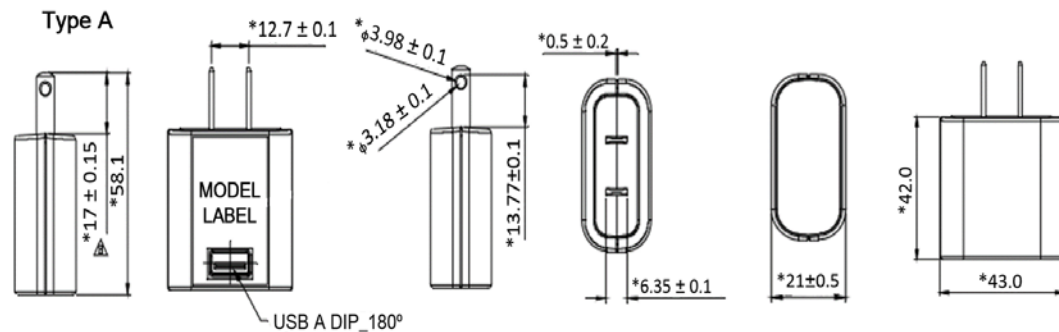
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Dimensions: mm





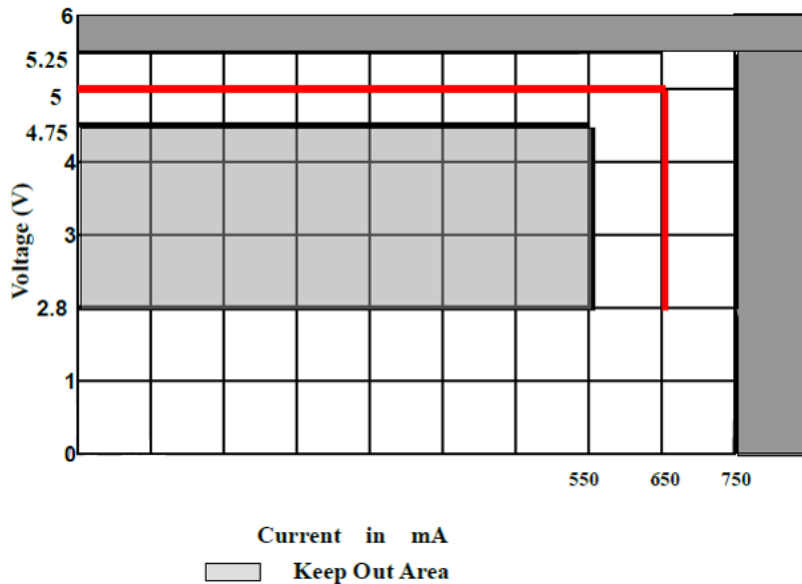
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Output Voltage/Current Characteristic:



Model Selections

Model Number	Plug Type	Case Color	Output Voltage (Vdc)	Output Current (A)	Output Power (W)
PSM03A-050Q-3-R	US	Black	5	0.55	2.75
PSM03A-050Q-3W-R	US	White	5	0.55	2.75
PSM03C-050Q-3-R	China	Black	5	0.55	2.75
PSM03E-050Q-3-R	EU	Black	5	0.55	2.75
PSM03E-050Q-3W-R	EU	White	5	0.55	2.75

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