



10 Watt - Low Cost Linear Eliminator PSC10A Wall Plug-In Adapters



Features

- NEMA Plug In
- Zero Minimum Load
- 250 μ A Leakage
- Short Circuit Protected

Applications

- Portable Instruments
- Palm Computers
- Peripherals
- Modems

Safety Approvals

- cUL 1950

Mechanical Characteristics

- Dimensions:
- Length: 74.2mm (2.92in)
 - Width: 49.3mm (1.94in)
 - Height: 34.4mm (1.35in)
 - Weight: 200gm (7oz)

Output Specifications

Model	DC Output Voltage	Load		Regulation Line & Load
		Min.	Max.	
PSC10A-050S	5.0V	0A	2.0A	$\pm 5\%$
PSC10A-090S	9.0V	0A	1.1A	$\pm 5\%$
PSC10A-120S	12V	0A	0.83A	$\pm 5\%$
PSC10A-150S	15V	0A	0.67A	$\pm 5\%$
PSC10A-240S	24V	0A	0.42A	$\pm 5\%$

INPUT:**AC Input Voltage**

90 to 132 VAC

AC Input Frequency

57 to 63Hz

AC Input Current

0.4Arms (115VAC)

AC Inrush Current (Cold Start, 25°C)

35A max. (115VAC)

Efficiency

70% typical

OUTPUT:**Ripple (1)**

200mV P-P maximum

Hold-up Time

16ms Full load, 120VAC

Overvoltage Protection

115% Nominal

Short Circuit Protection

110% Nom., Auto Restart

ENVIRONMENTAL:**Operation Temperature (Convection)**

0 to 40°C

Storage Temperature

-25 to +75°C

Humidity

5 to 80% RH (Non-condensing)

Emissions

FCC Class B

Immunity

IEC 1000-4-2, Level 3

IEC 1000-4-5, Level 3

GENERAL:**Leakage Current**

0.25mA maximum (132VAC)

Dielectric Withstand (Hipot)

Input to Output

2000VAC, 1 min., 10mA

MTBF (Full Load, 25°C)

100K Hrs.

MIL-HDBK-217F

AC Input Connector

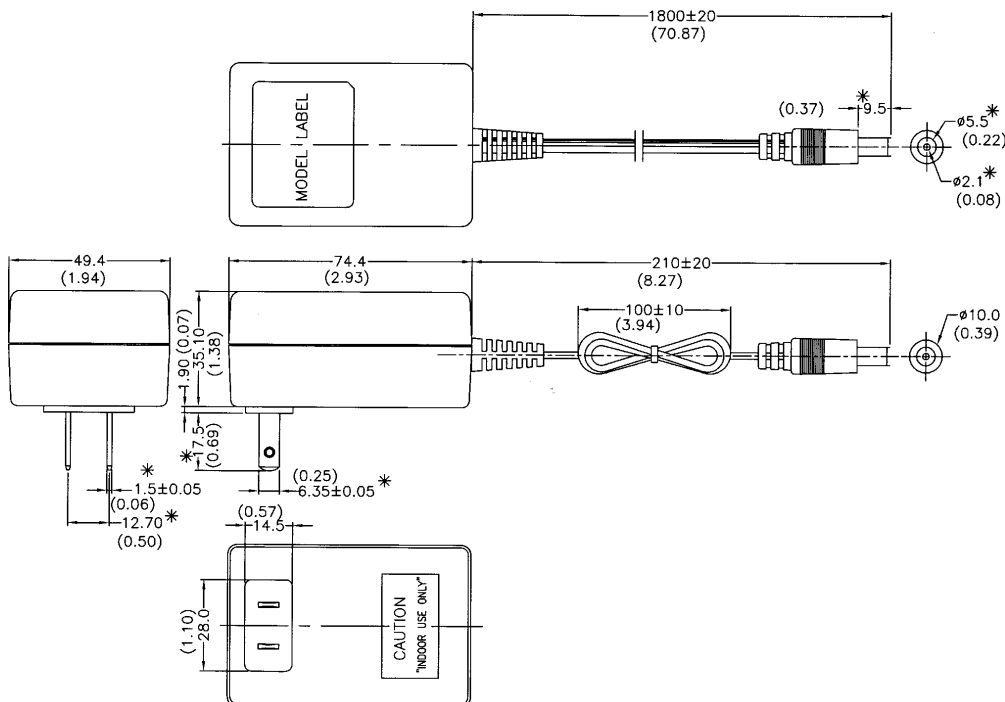
NEMA 15P

DC Output Connector

2.1mm x 5.5mm x 9.5mm Coaxial

Plug; Center Positive Standard

(1) Measured at full load by using a 12 inch twisted pair terminated with a 10mfd capacitor and a 0.1mfd ceramic in parallel

Dimension Diagram Unit: mm (inch)

Mouser Electronics

Authorized Distributor

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[PSC-10A-050S](#) [PSC-10A-090S](#) [PSC-10A-120S](#) [PSC-10A-150S](#) [PSC-10A-240S](#) [PSC10A-240S-R](#) [PSC10A-120S-R](#)
[PSC10A-150S-R](#) [PSC-10A-050S W/1.7MM CENT POSITIVE](#) [PSC10A-050S-R](#) [PSC10A-090S-R](#)