

18 Watt - Low Cost Linear Eliminator

PSS-18A North American Plug Series



Features

- Light Weight
- Sealed Case
- Double Insulated
- Cost Effective Design

Applications

- Low Power Computers
- Portable Equipment
- Peripherals
- Network Hubs

Safety Approvals

- UL 1950, Class 2
- CSA 22.2 M950

Mechanical Characteristics

- Dimensions:
- Length: 78mm (3.07in)
 - Width: 54mm (2.13in)
 - Height: 32mm (1.26in)
 - Weight: 168gm (5.9oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple(1) P-P(max)	Regulation Line & Load
		Min.	Max.		
PSS-18A-033	3.3V	0.1A	3.6A	50mV	+3%
PSS-18A-050	5.0V	0.1A	3.0A	50mV	+3%
PSS-18A-090	9.0V	0.1A	2.0A	90mV	+3%
PSS-18A-120	12V	0A	1.5A	120mV	+3%
PSS-18A-150	15V	0A	1.2A	150mV	+3%
PSS-18A-180	18V	0A	1.0A	180mV	+3%
PSS-18A-240	24V	0A	0.75A	240mV	+3%

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

POWERLINE

ISO 9001 · BABT · MITI
Facility Approvals

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Characteristics

INPUT:

AC Input Voltage
90 to 264 VAC

AC Input Frequency
47 to 63Hz

AC Input Current
0.4Arms (115VAC)
0.2Arms (230VAC)

AC Inrush Current (Cold Start, 25°C)
40A max.

Efficiency
70% typical

OUTPUT:

Hold-up Time
10ms Full load, 120VAC

Overcurrent Protection
>Short Circuit, Auto Restart

ENVIRONMENTAL:

Operation Temperature
(Convection)
0 to 40°C

Storage Temperature
-20 to +85°C

Humidity
10 to 90% RH (Non-condensing)

Emissions
FCC Class B
EN 55022

Immunity
IEC 1000-4-2, Level 3
IEC 1000-4-3, Level 2
IEC 1000-4-4, Level 4

GENERAL:

Leakage Current
<0.25mA (240VAC)

Dielectric Withstand (Hipot)
Input>Output
3000VAC, 1 min., 10mA

Switching Frequency:
50KHz (typical)

MTBF (Full Load, 25°C)
100K Hrs. Minimum
MIL-HDBK-217F

DC Output Connector
2.1mm x 5.5mm Coaxial Plug;
Center Positive Standard



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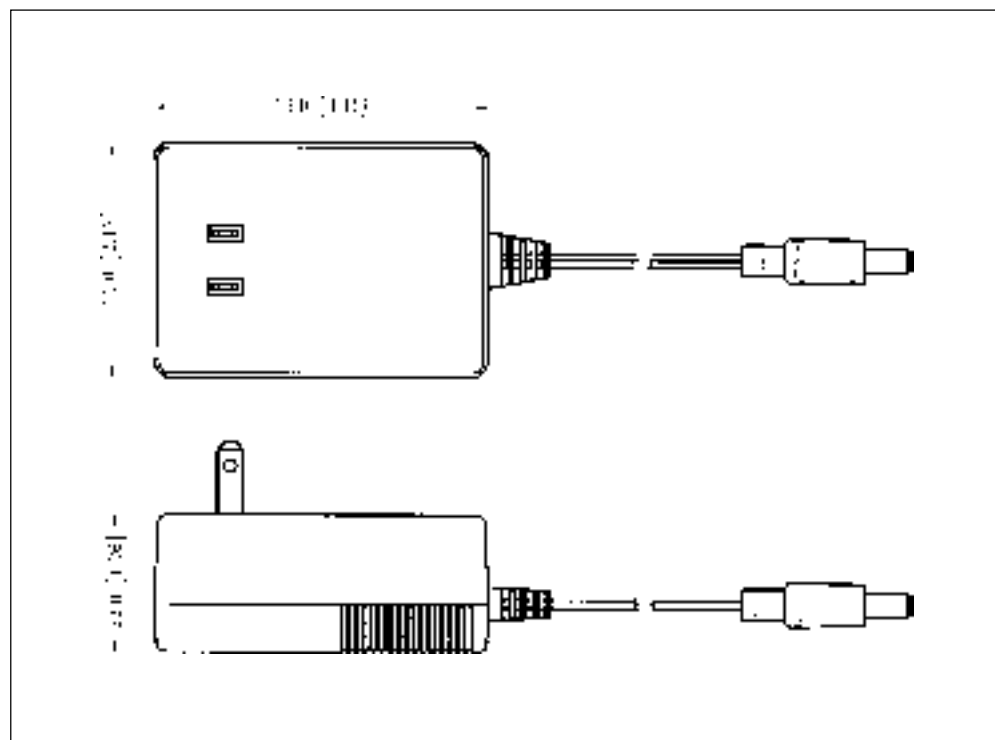
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Dimension Diagram Unit: mm (inch)



PSS18A/0103