

# 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.

POWER

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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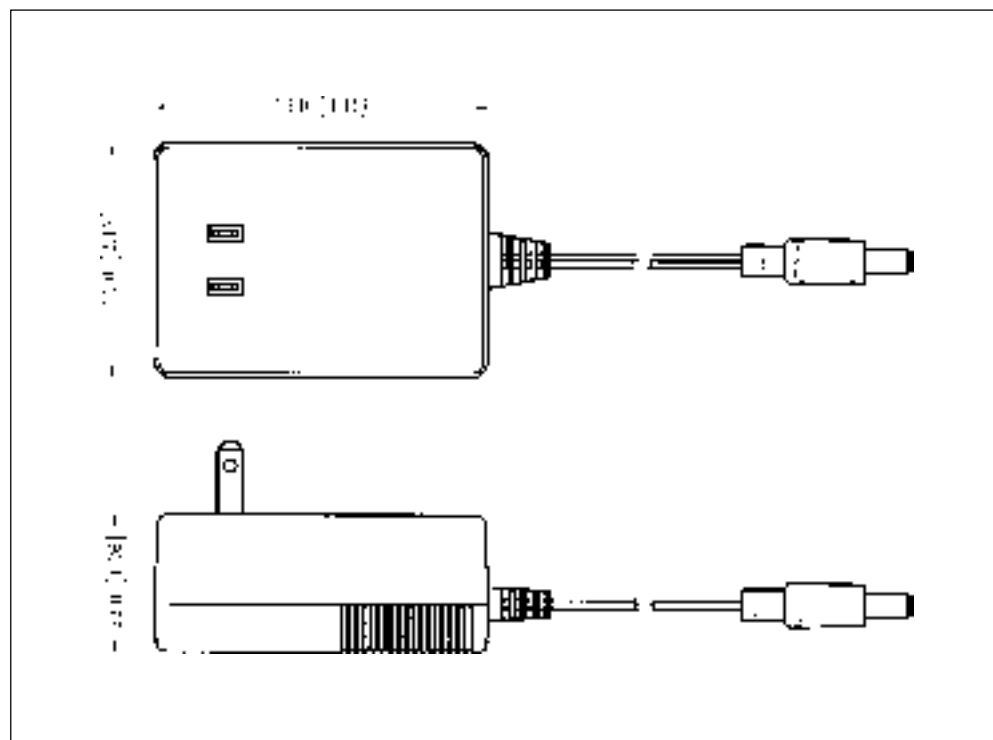
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### Dimension Diagram Unit: mm (inch)



PSS18A/0103