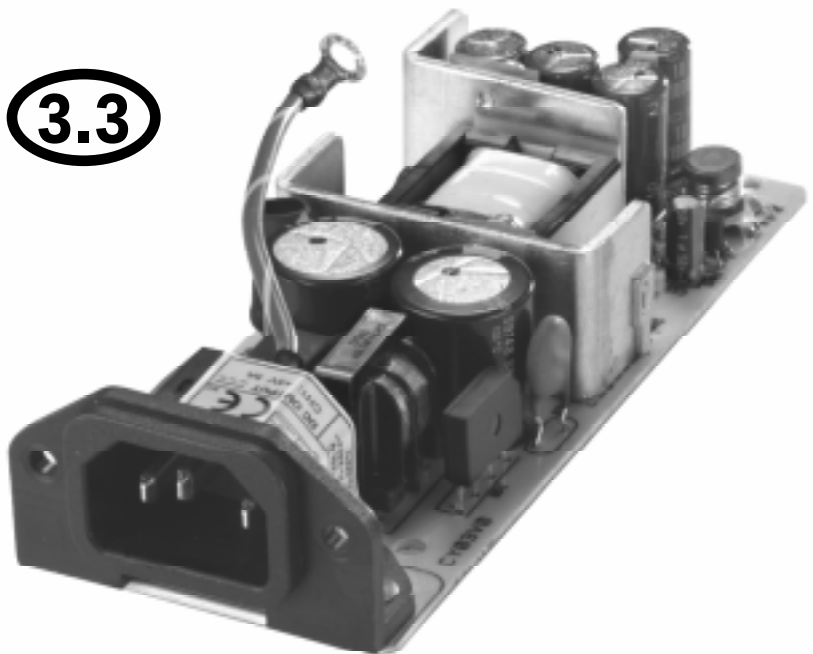


25W Universal Input, Compact PCB
PSA-25LS OEM Open Frame



Features

- Compact 2 x 5" PCB
- CISPR 22B; FCC B EMI
- Low .85" Profile
- Integral AC Connector

Applications

- Networking
- Compact Equipment
- Peripherals and Terminals
- Microcomputers

Safety Approvals Pending

- UL 1950, 3rd Edition
- CSA 22.2 950-M95
- TUV EN60950

Mechanical Characteristics

- Dimensions:
- Length: 127mm (5in)
 - Width: 50.8mm (2in)
 - Height: 21.5mm (0.846in)
 - Weight: 135gm (4.7oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple(1) P-P	Regulation		Max Power
		Min.	Max.		Line	Load	
PSA-25LS-033	3.3V	0A	5A	50mV	±1%	±2%	16.5
PSA-25LS-050	5.0V	0A	5A	50mV	±1%	±2%	25.0

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

OPEN FRAME

ISO 9001 • BABT • MITI
Facility Approvals



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25W Universal Input, Compact PCB

PSA-25LS OEM Open Frame

Characteristics

INPUT:

AC Input Voltage

85 to 270 VAC

AC Input Frequency

47 to 63Hz

AC Input Current

0.5Arms (120VAC)

0.25Arms (230VAC)

AC Inrush Current (Cold)

30A max. (120VAC)

60A max. (240VAC)

AC Surge Immunity:

IEC 61000-4-5, Level 3

Efficiency

70% Typical

OUTPUT:

Hold-up Time

16ms Full load, 120VAC

Overvoltage Protection

Zener Diode Clamping

Overcurrent Protection

Auto Start

ENVIRONMENT AL:

Operation Temperature (Convection)

-0 to 50°C

Storage Temperature

-25 to +75°C

Humidity

20 to 90% RH (Non-condensing)

Emissions

FCC Class B

EN 55022 B

Immunity EN 50082-1:

61000-4-2, Level 3

61000-4-3, Level 2

61000-4-4, Level 2

GENERAL:

Leakage Current

Less than 0.75mA (240VAC)

Dielectric Withstand (Hipot)

Input>Output

3000VAC, 1 min., 10ma

Switching Frequency

100KHz (typical)

MTBF (Full Load, 25°C)

MIL-HNBK: 150K hrs.

AC Input Connector

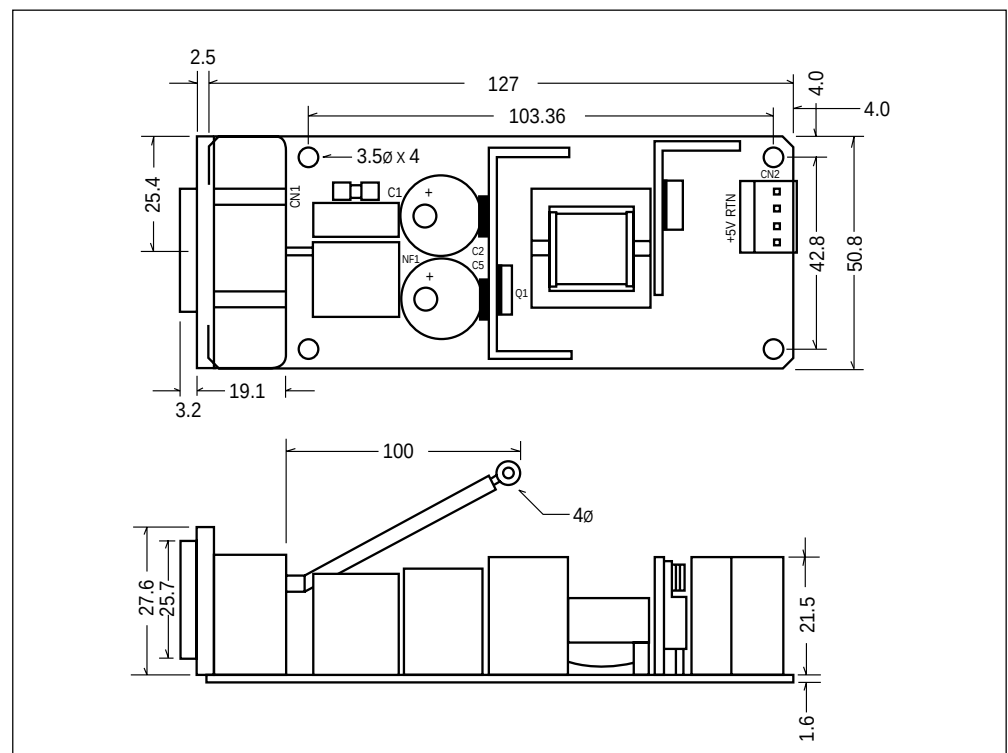
EN 60320/14

DC Output Connector

Molex 09-65-2048

or Equivalent

Dimension Diagram Unit: mm (inch)



Mouser Electronics

Authorized Distributor

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Phihong:

[PSA25LS-033-R](#) [PSA-25LS-033](#) [PSA-25LS-050](#) [PSA25LS-050-R](#)