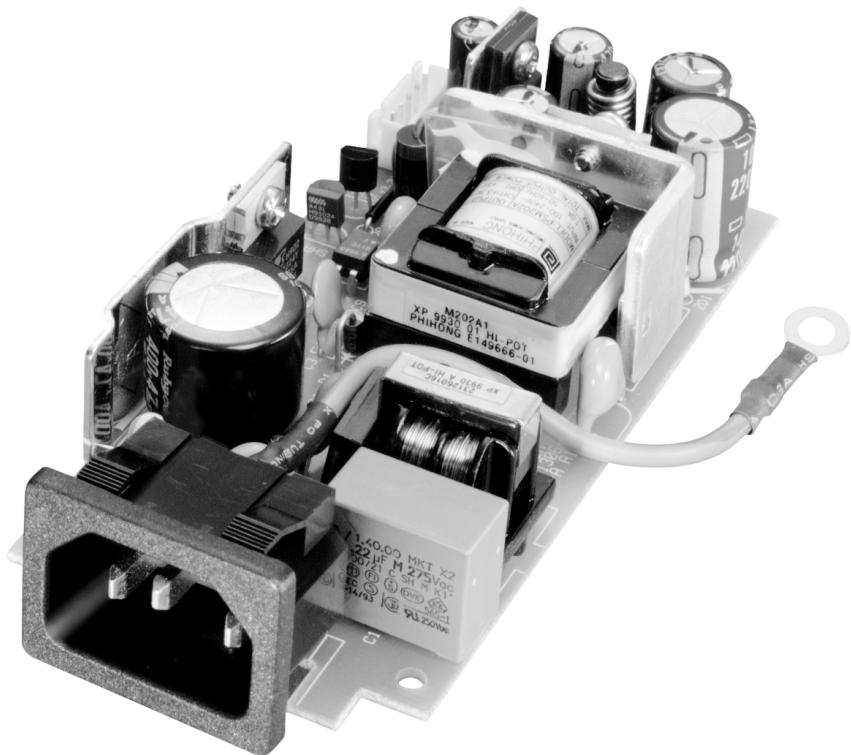


18W Universal Input, Compact PCB,
3.3v/5v Outputs
.....
PSM-202A Dual Output OEM Open Frame



Features

- Compact 2x4.25" PCB
- CISPR 22B; FCC B EM
- Low 1" Profile
- Integral AC Connector

Applications

- Networking
- Compact Equipment
- Peripherals and Terminals
- Microcomputers

Safety Approvals

- UL 1950
- CSA 22.2
- TUV EN60950

Mechanical Characteristics

- Dimensions:
- Length: 108mm (4.25in)
 - Width: 52mm (2in)
 - Height: 24mm (0.94in)
 - Weight: 90gm (3.2oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple(1) P-P	Regulation		Max Power
		Min.	Max.		Line	Load	
PSM-202A	3.3V	0.5A	4A	50mV	±3%	±3%	13.2W
	5.0V	0.0A	1A	50mV	±5%	±5%	5.0W

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

ISO 9001 • BABT • MITI
Facility Approvals



ENTERPRISE CO., LTD.

16, Lane 530, Chung Cheng N. Rd.
Sanchung City, Taipei
Taiwan 24103, R.O.C.
Phone: 886-2-2988-2126
886-2-2980-5255
Fax: 886-2-2981-7086
886-2-2983-3222

PHIHONG USA
CORPORATION

U.S. Headquarters:
48607 Warm Springs Blvd.
Fremont, CA 94539
Phone: 510-445-0100
Fax: 510-445-1678
Email: usasales@phihongusa.com
Internet: <http://www.phihongusa.com>

Phihong East:
3312 7th Street, Suite 101
Whitehall, PA 18052
Phone: (610) 434-4856
Fax: (610) 434-4857

Phihong Southwest:
3325 Cochran St., Suite 200
Simi Valley, CA 93063
Phone: (805) 520-8177
Fax: (805) 520-3907

18W Universal Input, Compact PCB, 3.3v/5v Outputs

PSM-202A Dual Output OEM Open Frame

Characteristics

INPUT:

AC Input Voltage

85 to 265 VAC

AC Input Frequency

47 to 63Hz

AC Input Current

0.3Arms (120VAC)

0.15Arms (230VAC)

AC Inrush Current (Cold)

20A max. (120VAC)

40A max. (240VAC)

AC Surge Immunity:

IEC 61000-4-5, Level 3

Efficiency

65% Typical

OUTPUT:

Hold-up Time

15ms Full load, 120VAC

Overvoltage Protection

3.3: 3.7 to 4.6VDC

5: 5.7 to 7.0VDC

Overcurrent Protection

Auto Start

ENVIRONMENTAL:

Operation Temperature (Convection)

0 to 55°C

Storage Temperature

-40 to +85°C

Humidity

20 to 90% RH (Non-condensing)

Emissions

FCC Class B

EN 55022 B

GENERAL:

Leakage Current

Less than 3mA (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 60320/13

DC Output Connector

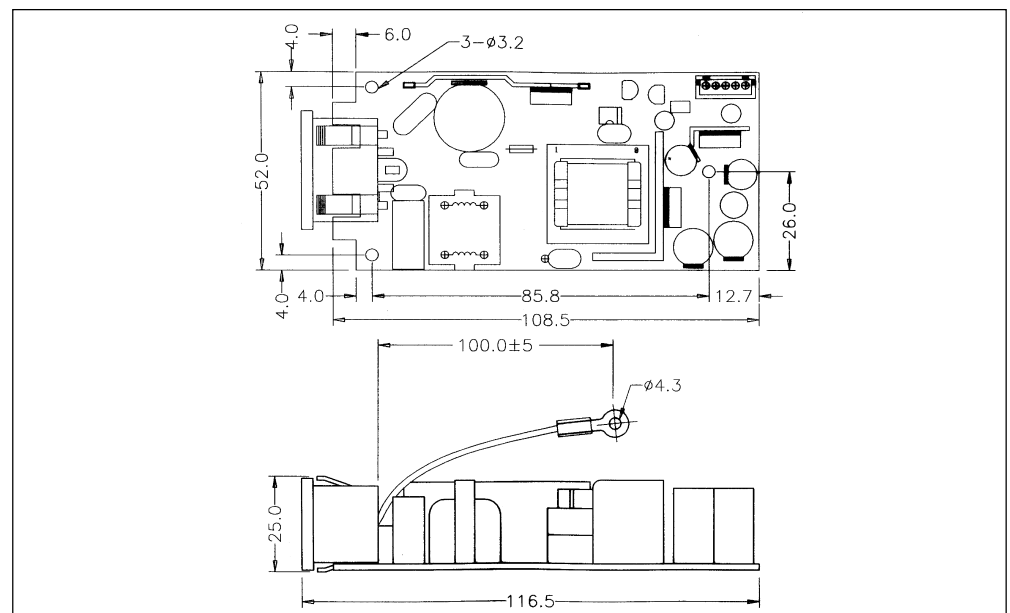
JST B5B-XH-A

Pins 1 & 2: Return

Pins 3 & 4: +3.3VDC

Pin 5: +5VDC

Dimension Diagram Unit: mm (inch)



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phihong:](#)

[PSM-202A](#)