200W Computer Power Series

PSA-2054 PS2 Style-Remote AC Switch



LVD

Features

- Variable speed fan option
- Improved reliability & performance
- New high efficiency design
- Class B EMI filter
- Low noise (<33db) fan
- Power fail/power good signal
- Overvoltage protection
- Short circuit protection

Applications

- Personal computers
- Industrial computers
- File servers
- Network bridges

Safety Approvals

- UL 1950 (E127643)
- CSA 22.2 234 (LR56927)
- VDE 0805 IEC 950 (72967)
- Nemko NEK-60950 (A97154)

Mechanical Characteristics

Dimensions:
- Length: 150mm (5.9in)
- Width: 140mm (5.5in)
- Height: 86mm (3.4in)
- Weight: 2Kgs (3Ibs 4.5oz.)

Output Specifications

Model	DC Output Voltage	Load			Ripple P-P	Total Tolerance
		Min.	Max.	Peak		
PSA-2054C	+5V	3A	20A	23A	50mV	+5%
	+12V	1A	8A	9A	100mV	+5%
	-12V	0A	0.5A	0.5A	120mV	+10%
	-5V	0A	0.3A	0.3A	120mV	+10%

Switch Option: Sffix C: Push Button CN: None, fastons only CF: Variable speed fan only

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ISO 9001 · BABT · MITI
Facility Approvals

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Characteristics

Ac Input Voltage
90-132/180-264VAC
Switch selectable

AC Frequency
47 to 63Hz

DC Output
See Chart

Efficiency
75% typical at full load, 115/230VAC

Hold-up Time
16msec. at full load, 115/230VAC

Power Good Signal
Open collector, 100-500ms delay

Power Fail
TTL signal falls 1msec minimum before +5 reaches 4.75V

Switching Frequency
100KHz nominal

Overvoltage Protection
5.6 to 7V on +5 output

Overcurrent Protection
All outputs have short circuit protection

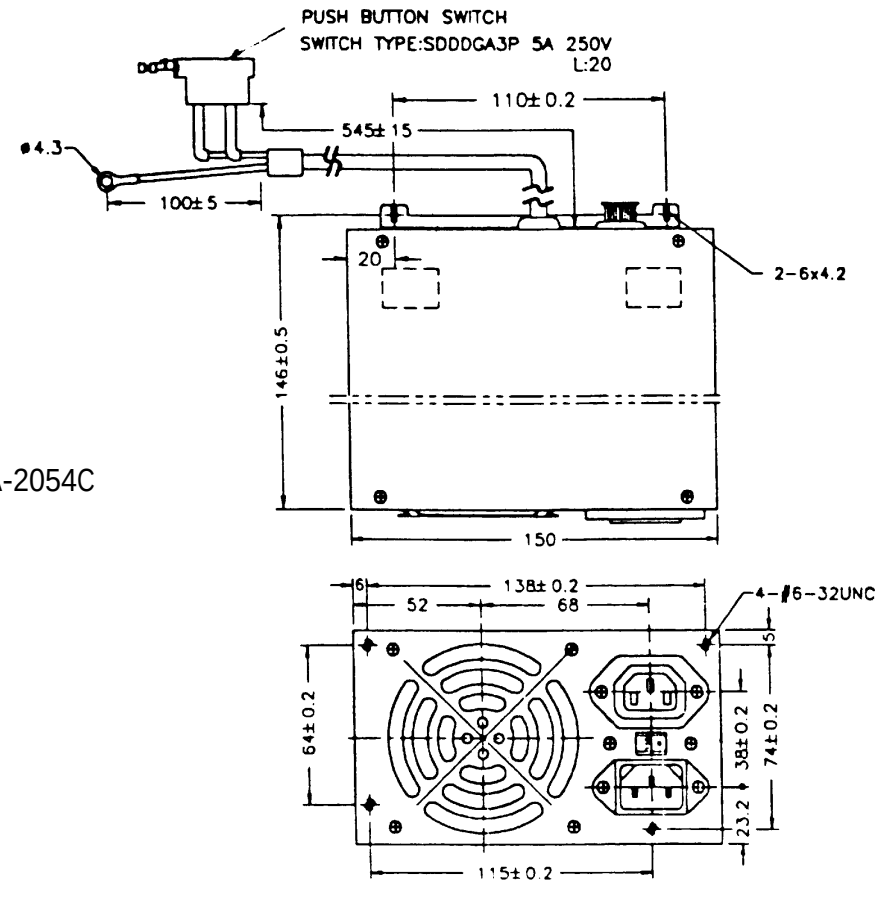
Temperature Range
Operating: 0 to 40˚C
Storage: -40 to 70˚C

Temperature Coefficient
+0.05%/˚C

Insulation Resistance
7 Megohm minimum

MTBF
Calculated
Greater than 150,000 hours, full load, 25˚C, (MIL-HDBK-217)

Dimension Diagram Unit: mm



PSA-2054C

Contact sales office for complete mechanical drawing and cabling information.

2054/704

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