

25W Open Frame Power Supply

Model No.: NAD-08A

Feature:

- 90 to 264Vac universal input range.
- UL, CSA, TUV safety approval.
- EMI/RFI meet VDE & FCC limit B.
- Low cost & compact size.
- 25W in 92×64×30 mm size.
- 2 Year Warranty.

Specifications: typical at nominal line, full load at 25°C.

Input Specifications:	General Specifications:
Input voltage: 90 to 264Vac	Efficiency: 70% typical at full load
Input Frequency: 47 Hz to 440Hz	Hold-up time: 12ms @ 110Vac full load
Input inrush current: 12A at 115Vac 24A at 230Vac	EMI/RFI: VDE & FCC Class B limits
Earth leakage: 0.2mA max @ 110VAC 0.4mA max @ 230VAC	Dielectric Withstand: Input/output: 3000VAC Input/Ground: 1500VAC
Output Specifications:	Safety Approval: UL UL1950 CSA 22.2-234/950 TUV EN60950
Output Rating: Vo1: +5V/5A	
Line Regulation: ±1% max	Switching frequency: 20kHz
Load Regulation: ±1% max.	Weight: 220g(5.3Oz)
Transient Response: ±1% max.dev. (Full to half load) 500uSec recovery	MTBF: 100,000hours(MIL-HDBK-217F)
	Environmental Specifications:
Temperature Coefficient: ±0.02% /°C	Operating temperature: 0 to +50°C
Ripple & Noise: 1% P-P max	Storage temperature: -40 to +85°C
Protections: a. Over current protection b. Over voltage protection c. Over power protection d. Short circuit protection	Humidity: 5 to 95 % RH non-condensing
	Vibration: 2.4G , 5 to 500Hz
	Cooling: Free air convection

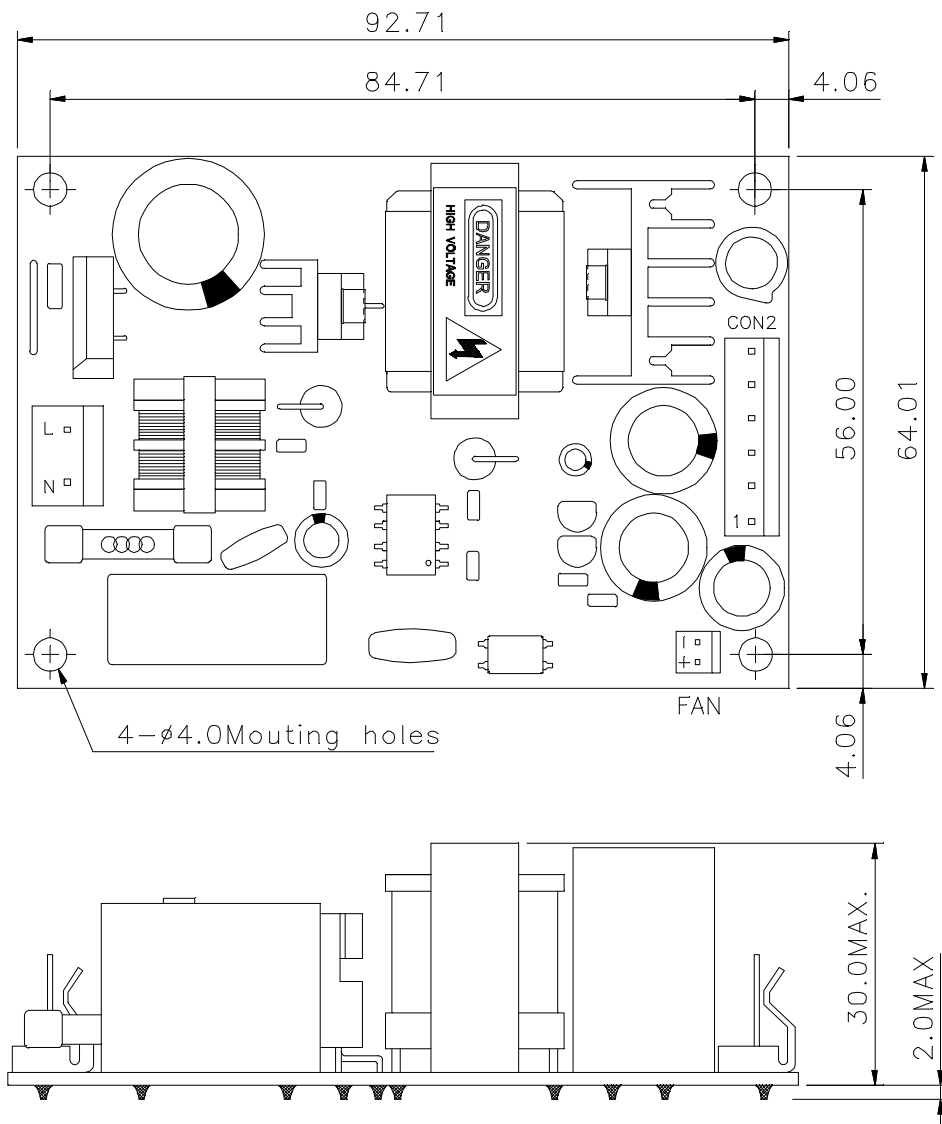
Note:

1. Vibration test: Three orthogonal axes, random vibration, 10 minutes for each axis.
2. Other output voltage versions available. Consult factory for details.
3. Maximum output power is 25W

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Dimensions: mm $\pm$ 0.5mm



Pin	Function	Pin	Function
1	COM	4	+Vout
2	COM	5	+Vout
3	COM	6	+Vout

- AC mating connector is : Molex 09-50-3031
- DC mating connector is : Molex 09-91-0600