30Watts 3.3V & 5V Open Frame Dual Output

Model No: NAD-36



Feature:

- 90 to 264Vac universal input range.
- UL/CUL, TUV safety approval.
- EMI/RFI meet VDE & FCC limit B.
- Low cost & compact size.
- 30 Watts in 127×76.2×31.8mm size.
- 2 Year Warranty.

Specifications: typical at nominal line, full load at 25 $^{\circ}$ C.

Input Specifications: General Specifications:				
General Specifications:				
Efficiency: 69% typical at full load				
Hold-up time: 15ms @ 115Vac full load				
EMI/RFI: VDE & FCC Class B limits				
Dielectric Withstand:				
Input/output: 3000Vac				
Input/Ground: 1500Vac				
Safety Approval: UL/CUL UL60950				
TUV EN60950				
1				
Switching frequency: 20kHz				
Weight: 280g				
MTBF: 100,000hours(MIL-HDBK-217F)				
Environmental Specifications:				
Operating temperature: 0 to +50°C				
Storage temperature: -20 to +85°C				
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. Maximum output power is 30W.
- 3. At least 20% of load is required to obtain stable regulation.
- 4. Ripple & noise test method is measured at output terminal across a 0.1uF ceramic cap & a 10uF tantalum or electrolytic cap in parallel with a 20MHz bandwidth oscilloscope directly.
- **★** Please refer the safety approval status on appendix 1, For latest safety approval status Please consult YCL or visit" www.ycl.com.tw"

Date: Sep 19,2003 53

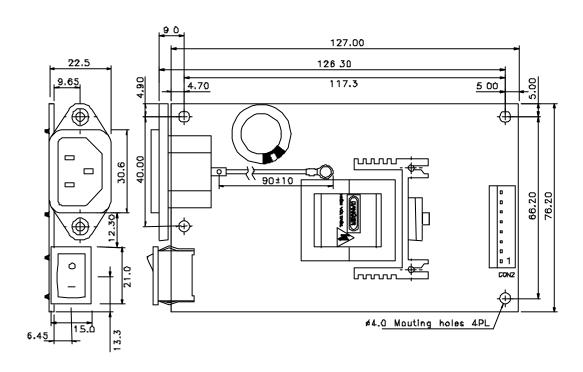


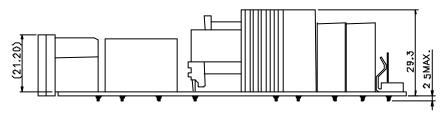
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Dimensions: mm \pm 0.5 mm





Pin	FUNCTION	Pin	FUNCTION
1	COM	5	+3.3V
2	COM	6	+3.3V
3	COM	7	+5\
4	+3 3V	8	+5\

- DC output mating connector is Molex 09-65-2088, Ever 8673-08 or equivalent.
- AC input is 3pins IEC PCB mounting or equivalent.

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