# 15Watts Open Frame Dual Output Power Supply YCP

## **Model No.: NAD-03**

#### **Feature:**

- 90 to 264Vac universal input range.
- UL, CSA, TUV safety approval.
- EMI/RFI meet VDE & FCC limit B.
- Low cost & compact size.
- 15Watts in  $98.3 \times 46 \times 27$ mm Size.
- 2 Year Warranty.

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

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General Specifications:	
Efficiency: 70% typical at full load	
<b>Hold-up time:</b> 15ms @ 115Vac full load	
EMI/RFI: VDE & FCC Class B limits	
Dielectric Withstand:	
Input/output: 3000Vac	
Input/Ground: 1500Vac	
<b>★Safety Approval:</b> UL UL60950	
CSA C22.2 NO.60950	
TUV EN60950	
<b>Switching frequency:</b> 20kHz(reference)	
<b>Weight:</b> 150g(5.3Oz)	
<b>MTBF:</b> 100,000hours(MIL-HDBK-217F)	
Environmental Specifications:	
<b>Operating temperature:</b> 0 to +50°C	
Storage temperature: -20 to +85°C	
<b>Humidity:</b> 5 to 95 % RH non-condensing	
<b>Vibration:</b> 2.4G , 5 to 500Hz	
Cooling: Free air convection	

#### Note:

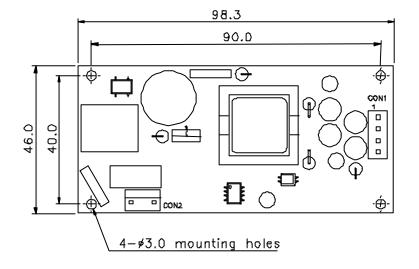
- 1. Vibration test: Three orthogonal axes, random vibration, 10 minutes for each axis.
- 2. Maximum output power is 15W.
- 3. At least 20% of load is required to obtain stable regulation.
- 4. Ripple & noise test method is measured at output terminal across a 0.1uF ceramic cap & a 10uF tantalum or electrolytic 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" <a href="www.ycl.com.tw">www.ycl.com.tw</a>"

Date: Sep 19,2003 19



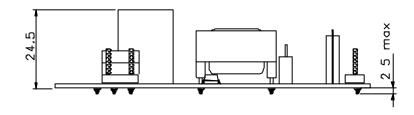
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# **Dimensions:** mm± 0.5mm



DC output pin

- 1. Vo1
- 2. GND
- 3. GND
- 4. Vo2



• AC mating connector is: Molex 5096-02C, Ever 8673-03N2 or equivalent

20

• DC mating connector is: Molex 09-67-4041, Ever 8675-04 or equivalent



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