

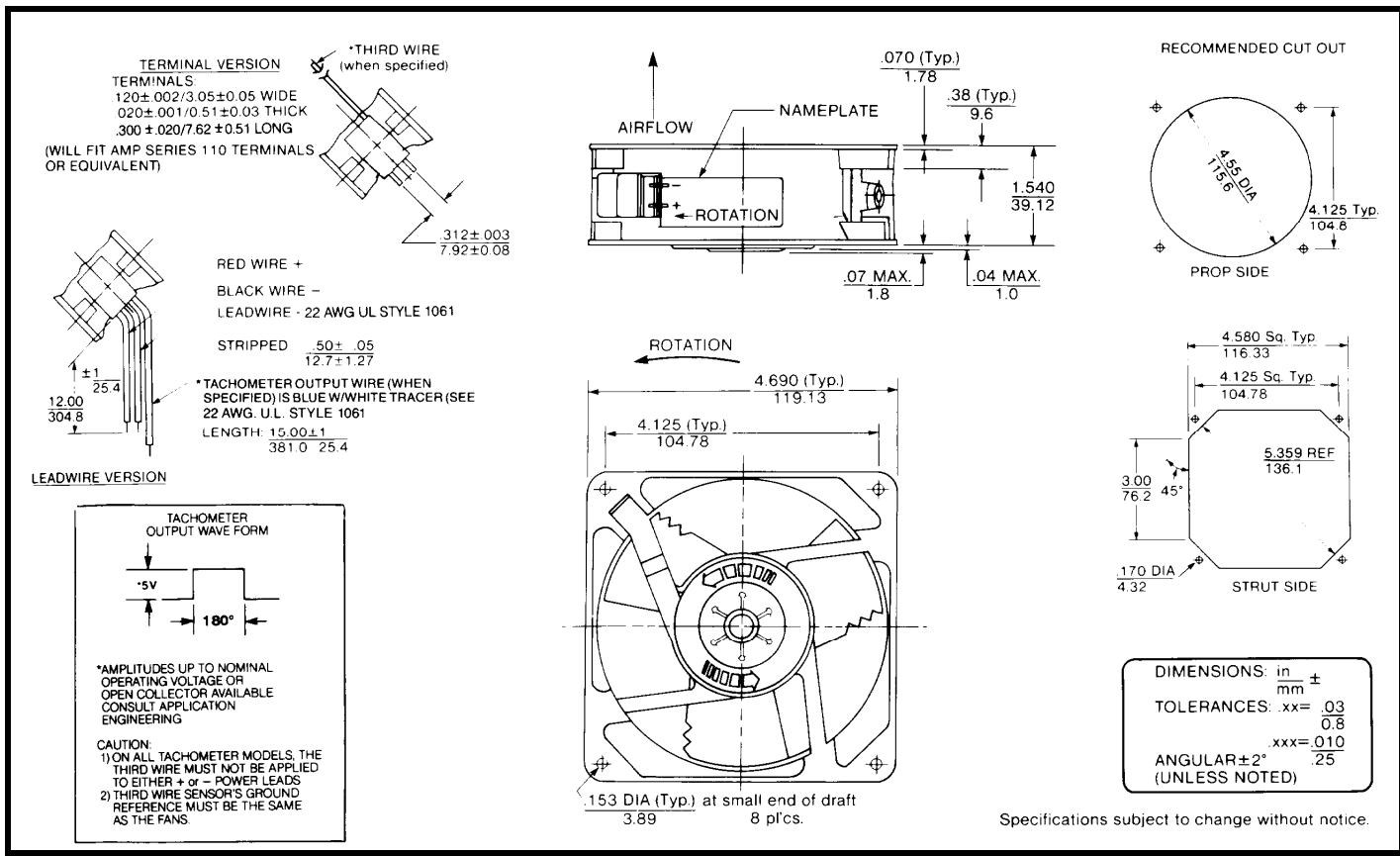
# SPECIFICATIONS



**Model Number:** MD48K0SX-P  
**Part Number:** 039646

Alcatel  
 January 13, 2005

## Mechanical Drawing:



## Motor:

Nominal Voltage = 48 vdc  
 Operating Voltage Range = 24 – 56 vdc  
 Nominal Running Current = 0.160 amps  
 Locked Rotor Current = 0.600 amps  
 Running Power = 7.7 watts  
 Average Speed = 3600 rpm  
 Bearings = Ball  
 Air Flow = 128 CFM  
 Acoustic = 53.2 dBA

## Construction:

Venturi: Polypropylene, Black, UL 94V-0  
 Propeller: Polypropylene, Black, UL 94V-0

## Life Expectancy:

This fan is designed for continuous duty life of 83,000 hours at 40°C

## Agencies:

UL, CSA, TUV

## Additional Features:

Brushless DC Motor  
 Electronic Locked Rotor Protection  
 Automatic Restart Capability  
 Polarity Protected  
 Operating Temperature: -10°C to 70°C  
 Storage Temperature: -40°C to 85°C  
 Thermal Speed Control – PTC in hub

## Tachometer Output:

Output: 5 volt TTL  
 I<sub>c</sub>: 5 mA. Typ.  
 Pulses per Revolution: 1  
 Isolated: No

## Termination:

8" Harness, Lead wires -22AWG, UL1061  
 Connector, Dupont 78211-003; Pins, Dupont 47565-000  
 Shrink Tubing around Terminal Wires  
 Pin 1: Red – Power  
 Pin 2: Blue/White – Tachometer  
 Pin 3: Black – Return