

SPECIFICATIONS

(RoHS Compliant)



Model Number: MFXE48Z6D3

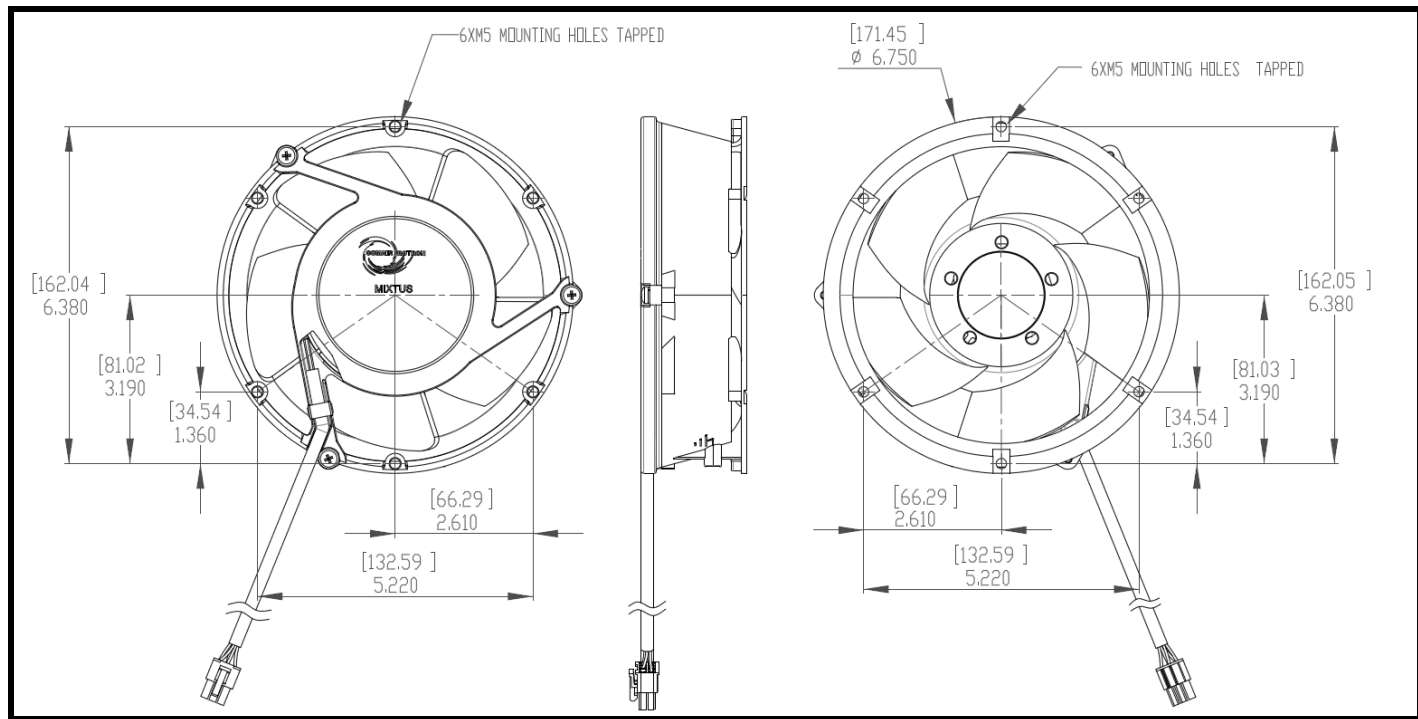
COMMSCOPE 860488337

Part Number: 19044012A

SPEC Number: 26020285A00

Sep 10, 2013

Mechanical Drawing:



Motor:

Nominal Voltage	= 48 vdc
Operating Voltage Range	= 24 - 72vdc
Nominal Running Current	= 1.95 amps
Max. Locked Rotor Current	= 3.00 amps
Running Power	= 93.6 watts
Speed	= 5920 rpm
Bearings	= Ball
Air Flow	= 422.9 CFM
Acoustic	= 71.72dBA

Construction:

Venturi:	Die Cast Aluminum Alloy, Black.
Propeller:	Plastic, Black, UL 94V-0.

Agency Approvals:

UL, CE

Life Expectancy:

This fan is designed for continuous duty life of 72,000 hours at 40°C.

Additional Features:

Brushless DC Motor	
Locked Rotor Protection	
Reverse Polarity Protected	
Automatic Restart Capability	
Operating Temperature:	-40°C to 70°C
Storage Temperature:	-40°C to 85°C

Alarm Output (FPS):

Open Collector (NPN Transistor)
High on Pass, Low on Fail
Vcc: 60Vdc Max
Sink Current (Ic): 20mA Max
Isolated: No
Latching: No
Delay: 10±4s

Termination:

60"±1" length Harness Assembly,
(From the edge of motor base to the tip of connector)
Connector – Molex 39-01-2065
Contacts – Molex 39-00-0077

Pin 1: Black – Return(-)	22AWG, UL 1061
Pin 2: Blue – FPS	22AWG, UL 1061
Pin 3: Red – Power(+)	22AWG, UL 1061
Pin 4: Not used	
Pin 5: Not used	
Pin 6: Not used	



Comair Rotron Specification Sheet

Specification Date: Sep 10, 2013

48V Mixed Flow P-Q Curve

