

# SPECIFICATIONS

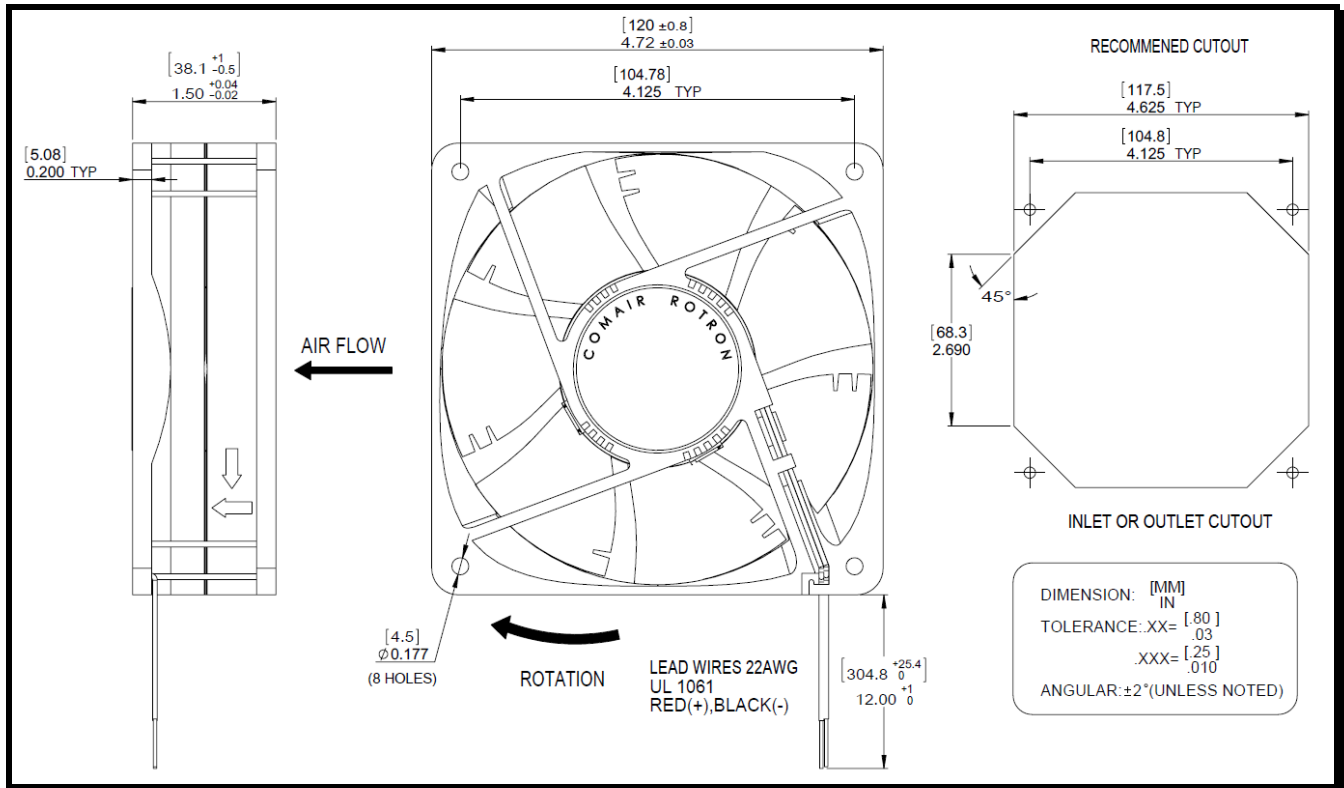
RoHS Compliant



**Model Number:** MS12K7  
**Part Number:** 17002152A

**Version:** 00  
**May 06, 2024**

## Mechanical Drawing:



### Motor:

Nominal Voltage	= 12 vdc
Operating Voltage Range	= 8 - 16vdc
Nominal Running Current	= 1.12 amps
Locked Rotor Current	= 2.0 amps
Running Power	= 13.44 watts
Average Speed	= 3700 RPM
Bearings	= Ball
Air Flow	= 133 CFM
Acoustic	= 53.6 dBA

### Construction:

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

### Life Expectancy:

This fan is designed for continuous duty life of 85,000 hours at 40°C.

### Additional Information:

Brushless DC Motor  
Reverse Polarity Protected  
Electronic Locked Rotor Protection  
Automatic Restart Capability  
Operating Temperature: -10°C to 70°C  
Storage Temperature: -40°C to 85°C

### Tachometer Specifications:

Output:	Open Collector
Ic:	20mA Max.
Vcc:	32vdc
Pulses per Revolution:	2
Isolated:	No

### Termination:

12" Lead wires, 22 AWG, UL 1061  
Red = Power (+)  
Black = Return (-)  
Blue/White = Tach output

### Agency Approvals:

UL, CUL, CE

### PQ Curve:

