Axial Fan

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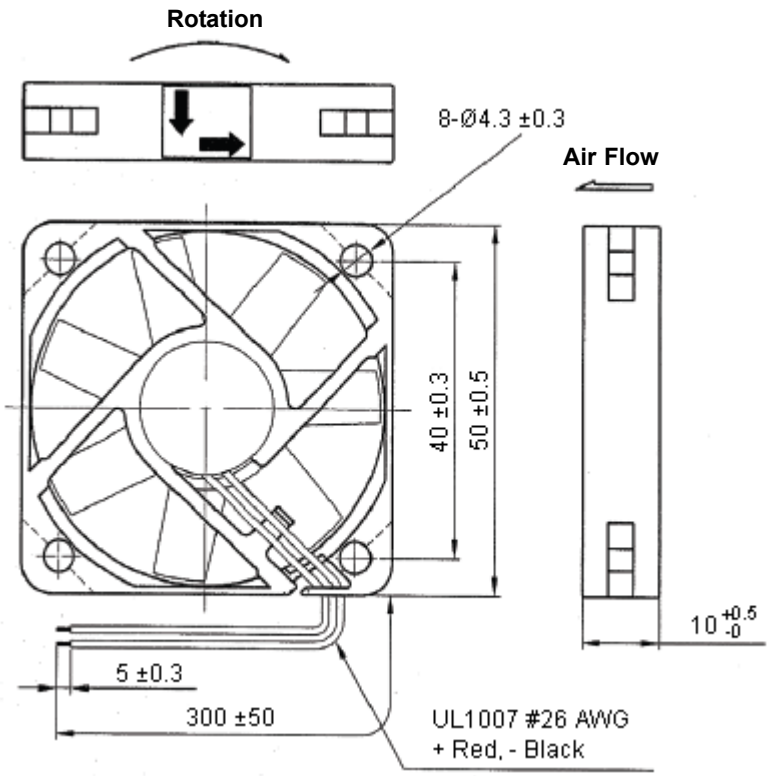

UL File Number : E175395

Dimensions : Millimetres

Specifications:

Mechanical Characteristic

Motor Design	: 2 phases, 4-poles brushless dc motor
Bearing System	: Lubricated sleeve bearing system
Speed	: High
Dimensions	: See diagram
Material of Frame	: Thermoplastic PBT of UL 94V-0
Material of Fan Blade	: Thermoplastic PBT of UL 94V-0
Direction of Rotation	: Counter - clockwise viewed from front of fan blade
Mounting Holes	: Diameter 4.3 mm in 8 holes
Weight	: 17.5 g

Electrical Characteristic

Rated Voltage	: 12 V dc
Rated Current	: 110 mA / maximum 127 mA
Rated Power Consumption	: 1.32 watts / maximum 1.53 watts
Operating Voltage Range	: 4.5 to 13.8 V dc
Starting Voltage	: 4.5 V dc (25°C power on / off)
Operating Temperature Range	: -10°C to +70°C
Storage Temperature Range	: -40°C to +70°C

RoHS COMPLIANT
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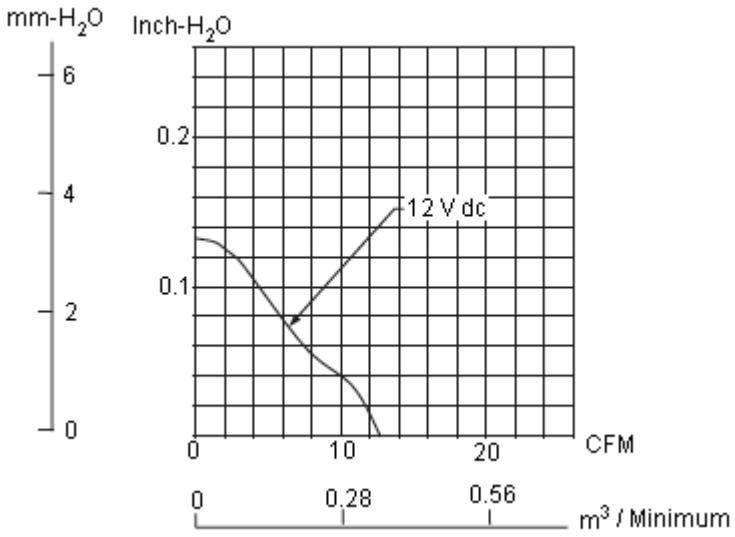
Performance Characteristic

Rated Speed	: 5,000 RPM ±15% at rated voltage
Air Flow	: 12.5 CFM
Static Pressure	: 0.13 inch-H_2O
Acoustic Noise	: 29 dB (A)
Air Flow vs Pressure	: See performance curve
Insulation Class	: UL class A
Insulation Resistance Plastic Housing	: 10 MΩ at 500 V dc between internal stator and lead wire (+)
Dielectric Strength	: Applied 500 V ac for one minute or 600 V ac for 2 seconds between housing and lead wire (+)
Life Expectancy	: 35,000 hours at 40°C, 65% humidity, 90% CL
Protection	: ☐ Automatic Restart Note : In a situation where the fan is locked by an external force while the electricity is on, an increase in coil temperature will be prevented by temporarily turning off the electrical power to the motor. The fan will automatically restart when the locked rotor condition is released
Protection	: ☐ Polarity Protection

Performance Curve

Static Pressure



Part Number Table

Description	Part Number
Axial Fan	MC36265

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