

MC32893

DC Brushless Fan



RoHS
Compliant



Specifications:

Mechanical Characteristic:

Motor Design	DC Brush Less 4 Pole Motor Design
Bearing System	Lubricated Sleeve Bearing System
Materials of Frame	Thermoplastic PBT
Materials of Fan Blade	Thermoplastic PBT
Direction of Rotation	Counter-Clockwise Viewed from Front of Fan Blade
Mounting Holes	Diameter 4.3mm in 8 Holes
Weight	75g

Electric Characteristic:

Rated Voltage	12V DC
Rated Current	145mA
Rated Power Consumption	1.7W
Operating Voltage Range	4.5 to 13.8V DC
Starting Voltage	4.5V DC (25°C Power On/Off)
Operating Temperature Range	-10°C to +70°C
Storage Temperature Range	-40°C to +70°C

MC32893

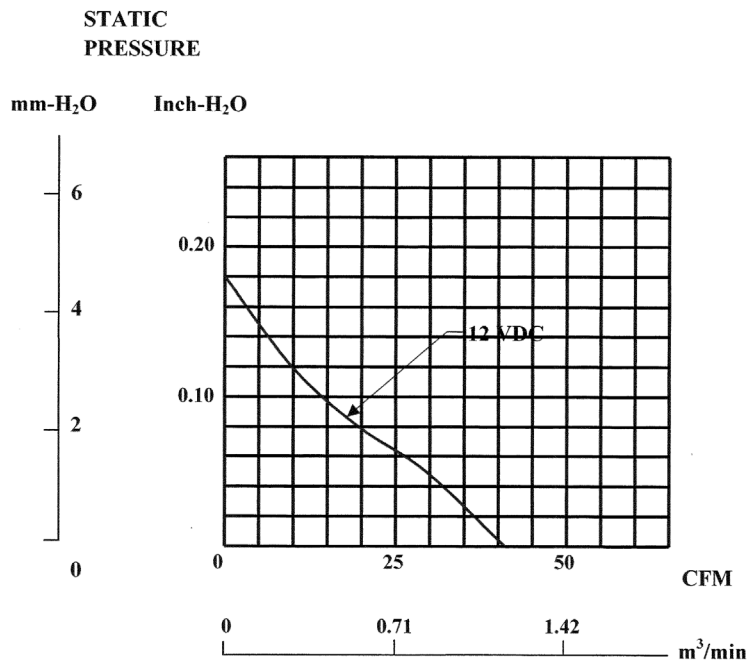
DC Brushless Fan



Performance Characteristic:

Rated Speed	3,200RPM± 10% at rated voltage
Airflow	41CFM
Static Pressure	0.18Inch-H ₂ O
Acoustic Noise	33dB (A)
Insulation Resistance Plastic Housing	10MΩ at 500V DC between internal stator and lead wire(+)
Dielectric Strength	Applied 500V AC for one minute or 600V AC for 2 Seconds between housing and lead wire(+)
Life Expectancy	50,000 Hours at 40°C, 65% humidity, 90% CL
Protection	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.
	DPolarity Protection

Performance Curves:

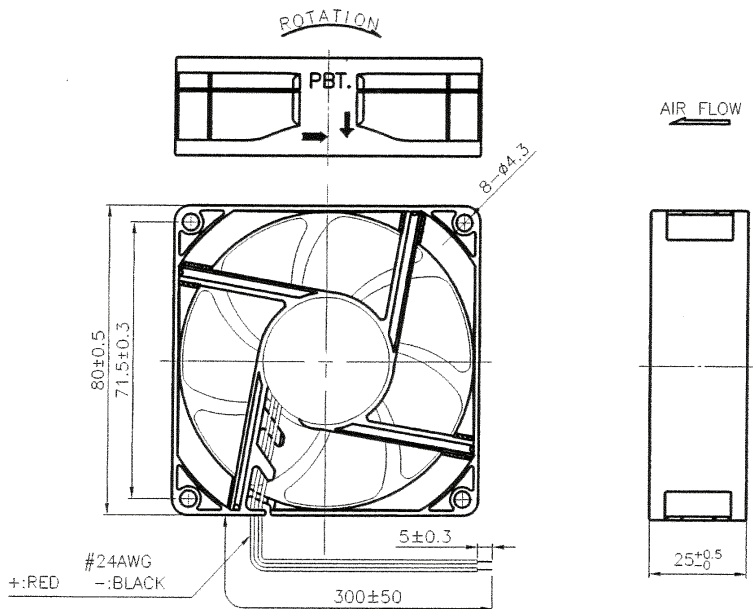


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Dimensions:



Dimensions : Millimetres

Part Number Table

Description	Part Number
Fan, 80mm, 12V DC	MC32893

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