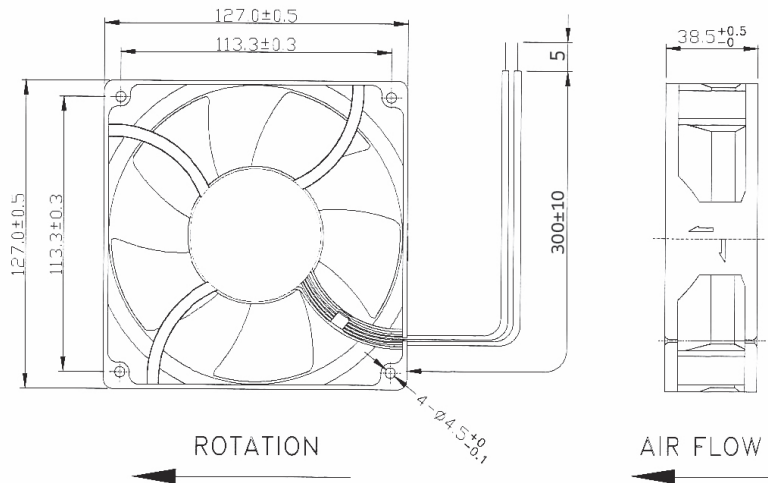


# OD127 Series



DC Fan - 12, 24, 48V  
127x38.5mm (5.0"x 1.5")



|                       |                                                 |                                                                                                                                                                                                                                                 |  |
|-----------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Frame & Impeller      | PBT, UL94V-0 plastic                            | <b>Available Options:</b><br>Tachometer<br>Alarm<br>Thermal Speed Control<br>PWM Input<br><br><u>Life Expectancy (L10)</u><br>Ball - 60,000 hrs (45C)<br><br><u>Operating Temperature</u><br>Ball: -10C ~ 70C<br><br>Weight: ~.82 lbs<br><br>m1 |  |
| Connection            | 2x Lead wires                                   |                                                                                                                                                                                                                                                 |  |
| Motor                 | Brushless DC, auto restart, polarity protected  |                                                                                                                                                                                                                                                 |  |
| Bearing System        | Dual Ball bearing                               |                                                                                                                                                                                                                                                 |  |
| Insulation Resistance | 10M ohm between leadwire and frame (500VDC)     |                                                                                                                                                                                                                                                 |  |
| Dielectric Strength   | 1 minute at 500 VAC, max leakage < 500 MicroAmp |                                                                                                                                                                                                                                                 |  |
| Storage Temperature   | -40C ~ +80C                                     |                                                                                                                                                                                                                                                 |  |

| Model Number  | Speed (RPM) | Airflow (CFM) | Noise (dB) | Volts DC | Voltage Range | Amps | Max. Static Pressure ("H <sub>2</sub> O) |
|---------------|-------------|---------------|------------|----------|---------------|------|------------------------------------------|
| OD127-12HHB   | 3500        | 193           | 56         | 12       | 8~14          | 1.2  | 0.46                                     |
| OD127-12HB    | 2950        | 161           | 53         | 12       | 8~14          | 0.78 | 0.35                                     |
| OD127-24HHB   | 3500        | 193           | 56         | 24       | 11~28         | 0.60 | 0.46                                     |
| OD127-24HB    | 2950        | 161           | 53         | 24       | 11~28         | 0.41 | 0.35                                     |
| OD127-48HHBXC | 4500        | 242           | 64         | 48       | 22~55         | 0.70 | 0.63                                     |
| OD127-48HB XC | 4100        | 226           | 63         | 48       | 22~55         | 0.55 | 0.55                                     |
| OD127-48HHB   | 3500        | 193           | 56         | 48       | 22~55         | 0.34 | 0.46                                     |
| OD127-48HB    | 2950        | 161           | 53         | 48       | 22~55         | 0.23 | 0.35                                     |
| OD127-48LB    | 2500        | 133           | 48         | 48       | 22~55         | 0.17 | 0.23                                     |
| OD127-48LLB   | 2000        | 107           | 41         | 48       | 22~55         | 0.12 | 0.16                                     |