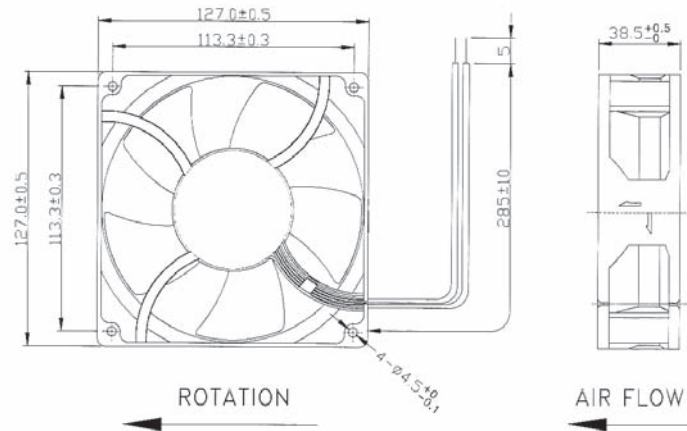


# OD127 Series



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



|                       |                                                 |                                                                                                                                                                                                                       |  |
|-----------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Frame & Impeller      | PBT, UL94V-O plastic                            | <b>Available Options:</b><br>Tachometer (FG)<br>Alarm (RD)<br>Thermal Speed Control (Thermistor)<br>PWM Input<br><br>Life Expectancy (L10)<br>Ball - 60,000 hrs (45C)<br><br>Operating Temperature<br>Ball: -20 ~ 75C |  |
| 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 second at 500 VAC, max leakage - 500 MicroAmp |                                                                                                                                                                                                                       |  |
| Storage Temperature   | -30C ~ +90C                                     |                                                                                                                                                                                                                       |  |

| Model Number  | Speed (RPM) | Airflow (CFM) | Noise (dB) | Volts DC | Voltage Range | Amps | Max. Static Pressure (H <sub>2</sub> O) |
|---------------|-------------|---------------|------------|----------|---------------|------|-----------------------------------------|
| OD127-12HHB   | 4100        | 226           | 62         | 12       | 8~14          | 2.3  | 0.55                                    |
| OD127-12HB    | 3500        | 193           | 56         | 12       | 8~14          | 1.2  | 0.46                                    |
| OD127-12MB    | 2950        | 161           | 53         | 12       | 8~14          | 0.78 | 0.35                                    |
| OD127-24HB XC | 4500        | 242           | 65         | 24       | 11~28         | 1.3  | 0.63                                    |
| OD127-24HHB   | 4100        | 226           | 62         | 24       | 11~28         | 1.1  | 0.55                                    |
| OD127-24HB    | 3500        | 193           | 56         | 24       | 11~28         | 0.61 | 0.46                                    |
| OD127-24MB    | 2950        | 161           | 53         | 24       | 11~28         | 0.41 | 0.35                                    |
| OD127-48HB XC | 4500        | 242           | 65         | 48       | 22~55         | 0.70 | 0.63                                    |
| OD127-48HHB   | 4100        | 226           | 62         | 48       | 22~55         | 0.55 | 0.55                                    |
| OD127-48HB    | 3500        | 193           | 56         | 48       | 22~55         | 0.34 | 0.46                                    |
| OD127-48MB    | 2950        | 161           | 53         | 48       | 22~55         | 0.23 | 0.35                                    |
| OD127-48LB    | 2500        | 133           | 30         | 48       | 22~55         | 0.17 | 0.23                                    |
| OD127-48LLB   | 2000        | 107           | 41         | 48       | 22~55         | 0.12 | 0.16                                    |