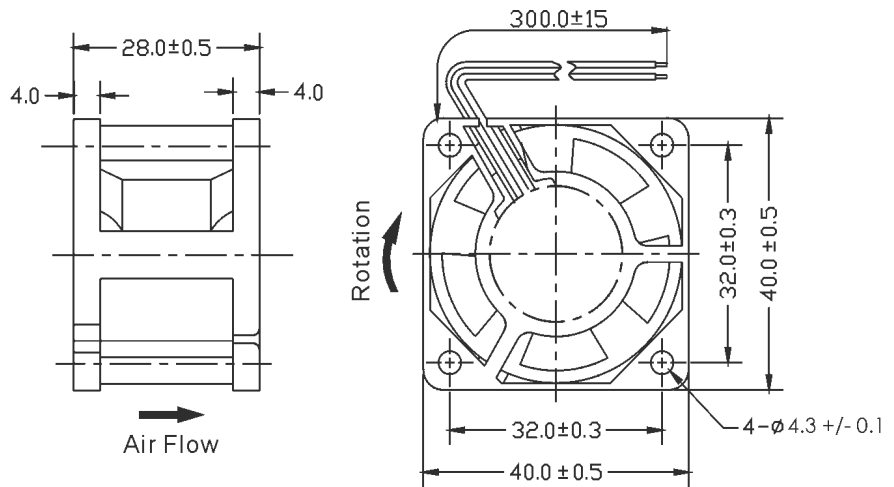


# OD4028 Series



DC Fan - 5, 12, 24V  
40x28mm (1.58"x 1.10")



|                       |                                                              |                                                                                                                                                                                                                                                                                                                          |  |
|-----------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Frame & Impeller      | PBT, UL94V-0 plastic                                         | <b>Available Options:</b><br>Tachometer<br>Alarm<br>PWM (Pulse Width Modulated speed control)<br>Thermistor (Thermal Speed Control)<br>Life Expectancy (L10)<br>Ball - 60,000 hrs (45C)<br>Sleeve - 30,000 hrs (45C)<br><u>Operating Temperature</u><br>Ball: -20C ~ 75C<br>Sleeve: -10C ~ 50C<br><br>Weight: ~ 0.08 lbs |  |
| Connection            | 2x Lead wires 26AWG                                          |                                                                                                                                                                                                                                                                                                                          |  |
| Motor                 | Brushless DC, auto restart, impedance and polarity protected |                                                                                                                                                                                                                                                                                                                          |  |
| Bearing System        | Ball bearing or Sleeve                                       |                                                                                                                                                                                                                                                                                                                          |  |
| 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 (VDC) | Amps | Max. Static Pressure (H <sub>2</sub> O) |
|--------------|-------------|---------------|------------|----------|---------------------|------|-----------------------------------------|
| OD4028-05H * | 7500        | 10            | 32         | 5        | 3.5 ~ 6             | 0.35 | 0.24                                    |
| OD4028-05M * | 6500        | 9             | 29         | 5        | 4~7                 | 0.30 | 0.17                                    |
| OD4028-05L * | 5000        | 7             | 25         | 5        | 4~7                 | 0.22 | 0.10                                    |
| OD4028-12H * | 8800        | 12            | 37         | 12       | 7~14                | 0.20 | 0.32                                    |
| OD4028-12M * | 8000        | 11            | 35         | 12       | 7~14                | 0.18 | 0.25                                    |
| OD4028-12L * | 5000        | 7             | 25         | 12       | 7~14                | 0.12 | 0.10                                    |
| OD4028-24H * | 8800        | 12            | 37         | 24       | 10~27               | 0.16 | 0.32                                    |
| OD4028-24M * | 8000        | 11            | 35         | 24       | 10~27               | 0.12 | 0.25                                    |
| OD4028-24L * | 5000        | 7             | 25         | 24       | 10~27               | 0.09 | 0.10                                    |

\* Indicate "B" for ball bearing or "S" for sleeve bearing