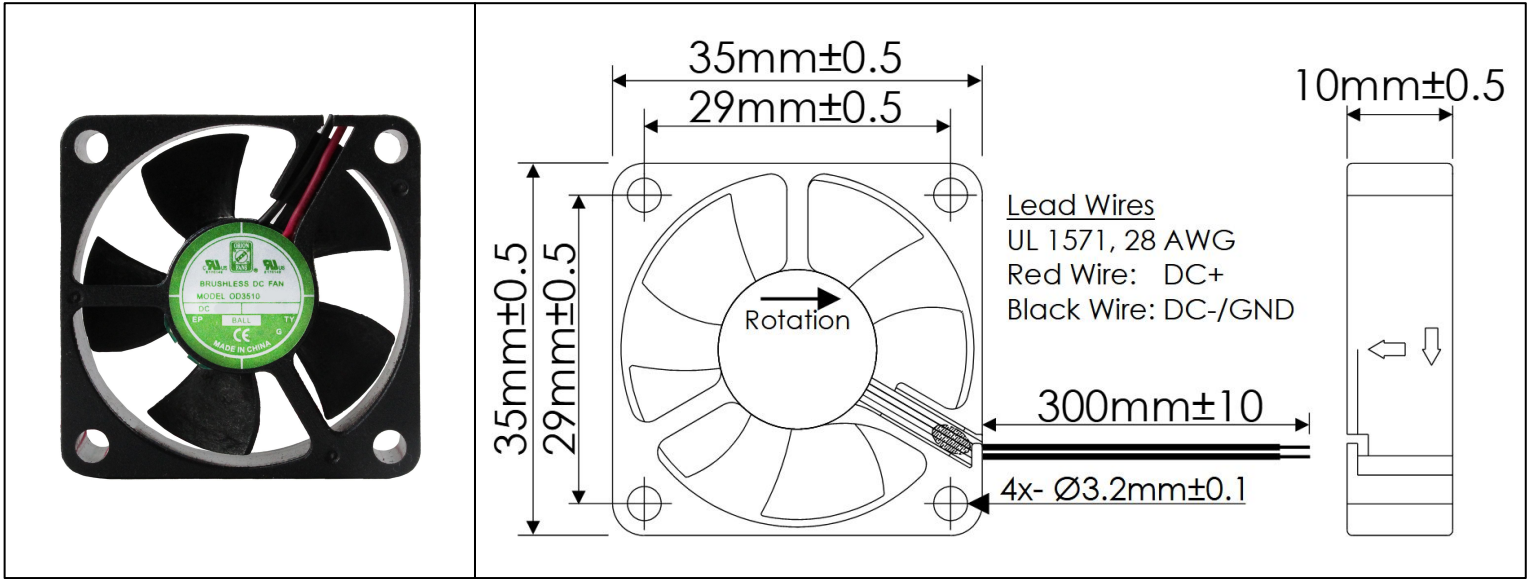


OD3510 Series



DC Fans - 5, 12V
35mm x 10mm (1.38" x 0.40")



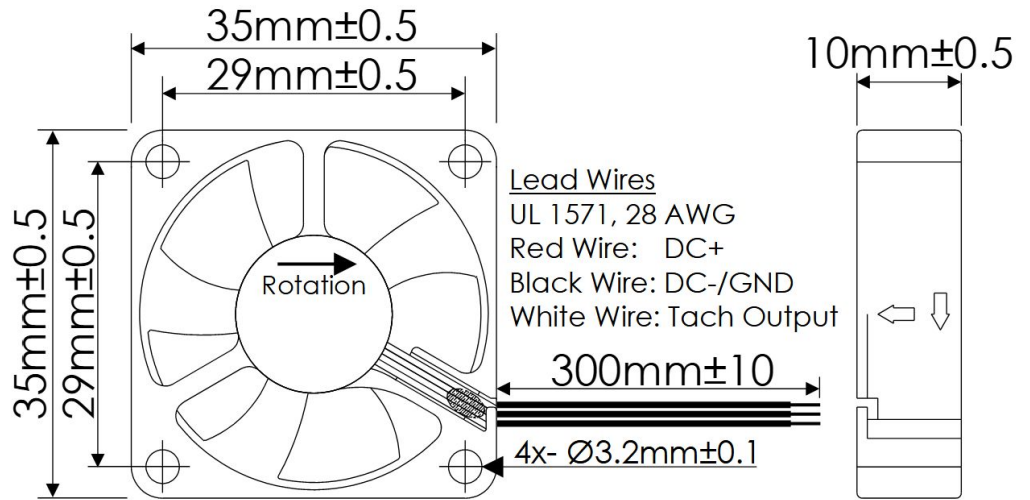
| | | | |
|------------------------------|---|--|--|
| Frame | PBT, UL94 V-0 Plastic | Operating Temperature -20°C ~ +65°C Storage Temperature -20°C ~ +75°C Life Expectancy 70,000 Hours (L10 at 40°C) Available Options PWM Speed Control Input 0-10V Speed Control Input Tachometer Output Alarm Output IP Ratings Other Speeds Weight: 0.02 lbs. | |
| Impeller | PBT, UL94 V-0 Plastic | | |
| Connection | 2x Wire Leads, 28 AWG | | |
| Motor | Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected | | |
| Bearing System | Ball Bearings | | |
| Dielectric Strength | 500VDC/min, <1mA | | |
| Insulation Resistance | ≥10M Ohm @ 500 VDC | | |

| Part Number | Rated Voltage (Volts DC) | Voltage Range (Volts DC) | Input Power (Watts) | Rated Current (Amps) | Rated Speed (RPM) | Max Airflow (CFM) | Noise Level (dBA) | Max Static Pressure ("H ₂ O) |
|--------------|--------------------------|--------------------------|---------------------|----------------------|-------------------|-------------------|-------------------|---|
| OD3510-05HB | 5 | 4.5 ~ 5.5 | 1.00 | 0.20 | 9400 | 7.2 | 38.0 | 0.18 |
| OD3510-05MB | 5 | 4.5 ~ 5.5 | 0.65 | 0.13 | 7900 | 5.1 | 34.1 | 0.13 |
| OD3510-05LLB | 5 | 4.5 ~ 5.5 | 0.30 | 0.06 | 4500 | 2.9 | 20.5 | 0.04 |
| OD3510-12MB | 12 | 11 ~ 13.8 | 1.56 | 0.13 | 7900 | 5.1 | 34.1 | 0.13 |
| OD3510-12LLB | 12 | 11 ~ 13.8 | 0.60 | 0.05 | 4500 | 2.9 | 20.5 | 0.04 |

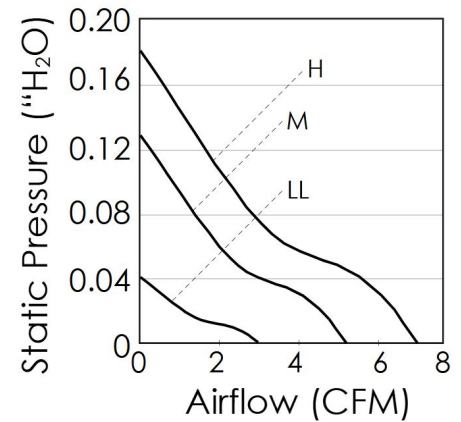
OD3510 Series with Tachometer



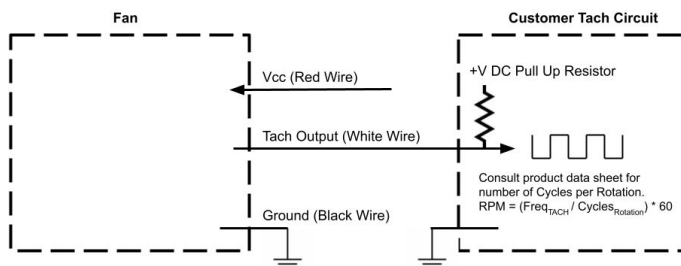
DC Fans - 5, 12V
35mm x 10mm (1.38" x 0.40")



| | | |
|-----------------------|---|--|
| Frame | PBT, UL94 V-0 Plastic | Operating Temperature -20°C ~ +65°C Storage Temperature -20°C ~ +75°C Life Expectancy 70,000 Hours (L10 at 40°C) Installed Options Open Collector Tach Output Available Options 5V TTL Tachometer Weight: 0.02 lbs. |
| Impeller | PBT, UL94 V-0 Plastic | |
| Connection | 3x Wire Leads, 28 AWG | |
| Motor | Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected | |
| Bearing System | Ball Bearings | |
| Dielectric Strength | 500VDC/min, <1mA | |
| Insulation Resistance | ≥10M Ohm @ 500 VDC | |



| Part Number | Rated Voltage (Volts DC) | Voltage Range (Volts DC) | Input Power (Watts) | Rated Current (Amps) | Rated Speed (RPM) | Max Airflow (CFM) | Noise Level (dBA) | Max Static Pressure ("H ₂ O) |
|-----------------|--------------------------|--------------------------|---------------------|----------------------|-------------------|-------------------|-------------------|---|
| OD3510-05HB01A | 5 | 4.5 ~ 5.5 | 1.00 | 0.20 | 9400 | 7.2 | 38.0 | 0.18 |
| OD3510-05MB01A | 5 | 4.5 ~ 5.5 | 0.65 | 0.13 | 7900 | 5.1 | 34.1 | 0.13 |
| OD3510-05LLB01A | 5 | 4.5 ~ 5.5 | 0.30 | 0.06 | 4500 | 2.9 | 20.5 | 0.04 |
| OD3510-12MB01A | 12 | 11 ~ 13.8 | 1.56 | 0.13 | 7900 | 5.1 | 34.1 | 0.13 |
| OD3510-12LLB01A | 12 | 11 ~ 13.8 | 0.60 | 0.05 | 4500 | 2.9 | 20.5 | 0.04 |

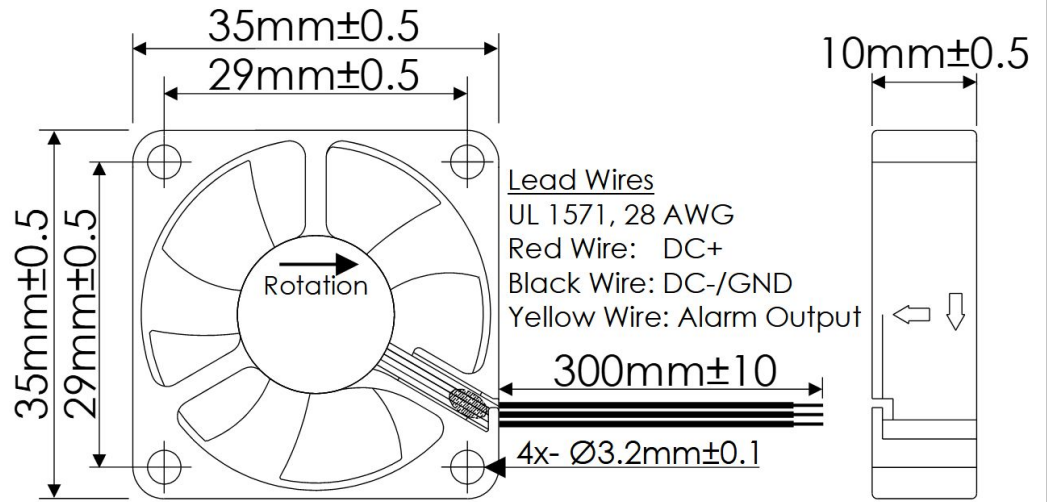


Tach Max Pullup Voltage: Fan Vcc
Tach Max Sink Current: 5mA
Tach Cycles per Rotation: 4

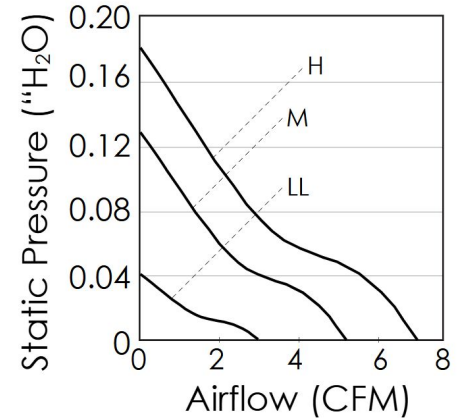
OD3510 Series with Alarm



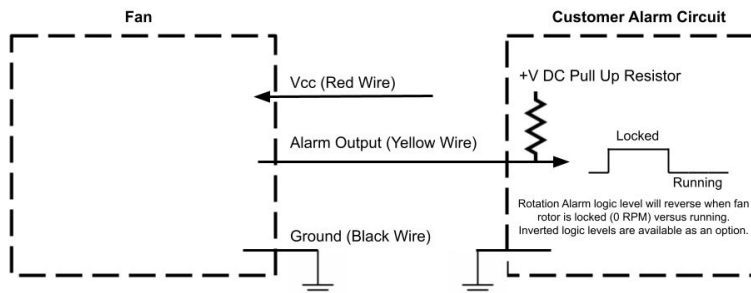
DC Fans - 5, 12V
35mm x 10mm (1.38" x 0.40")



| | | |
|-----------------------|---|--|
| Frame | PBT, UL94 V-0 Plastic | Operating Temperature -20°C ~ +65°C Storage Temperature -20°C ~ +75°C Life Expectancy 70,000 Hours (L10 at 40°C) Installed Options Open Collector Alarm Output Available Options 5V TTL Alarm Inverted Alarm Logic Weight: 0.02 lbs. |
| Impeller | PBT, UL94 V-0 Plastic | |
| Connection | 3x Wire Leads, 28 AWG | |
| Motor | Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected | |
| Bearing System | Ball Bearings | |
| Dielectric Strength | 500VDC/min, <1mA | |
| Insulation Resistance | ≥10M Ohm @ 500 VDC | |



| Part Number | Rated Voltage (Volts DC) | Voltage Range (Volts DC) | Input Power (Watts) | Rated Current (Amps) | Rated Speed (RPM) | Max Airflow (CFM) | Noise Level (dBA) | Max Static Pressure ("H ₂ O) |
|-----------------|--------------------------|--------------------------|---------------------|----------------------|-------------------|-------------------|-------------------|---|
| OD3510-05HB02A | 5 | 4.5 ~ 5.5 | 1.00 | 0.20 | 9400 | 7.2 | 38.0 | 0.18 |
| OD3510-05MB02A | 5 | 4.5 ~ 5.5 | 0.65 | 0.13 | 7900 | 5.1 | 34.1 | 0.13 |
| OD3510-05LLB02A | 5 | 4.5 ~ 5.5 | 0.30 | 0.06 | 4500 | 2.9 | 20.5 | 0.04 |
| OD3510-12MB02A | 12 | 11 ~ 13.8 | 1.56 | 0.13 | 7900 | 5.1 | 34.1 | 0.13 |
| OD3510-12LLB02A | 12 | 11 ~ 13.8 | 0.60 | 0.05 | 4500 | 2.9 | 20.5 | 0.04 |



Alarm Max Pullup Voltage: Fan Vcc
Alarm Max Sink Current: 5mA
Alarm Active Logic State: HIGH