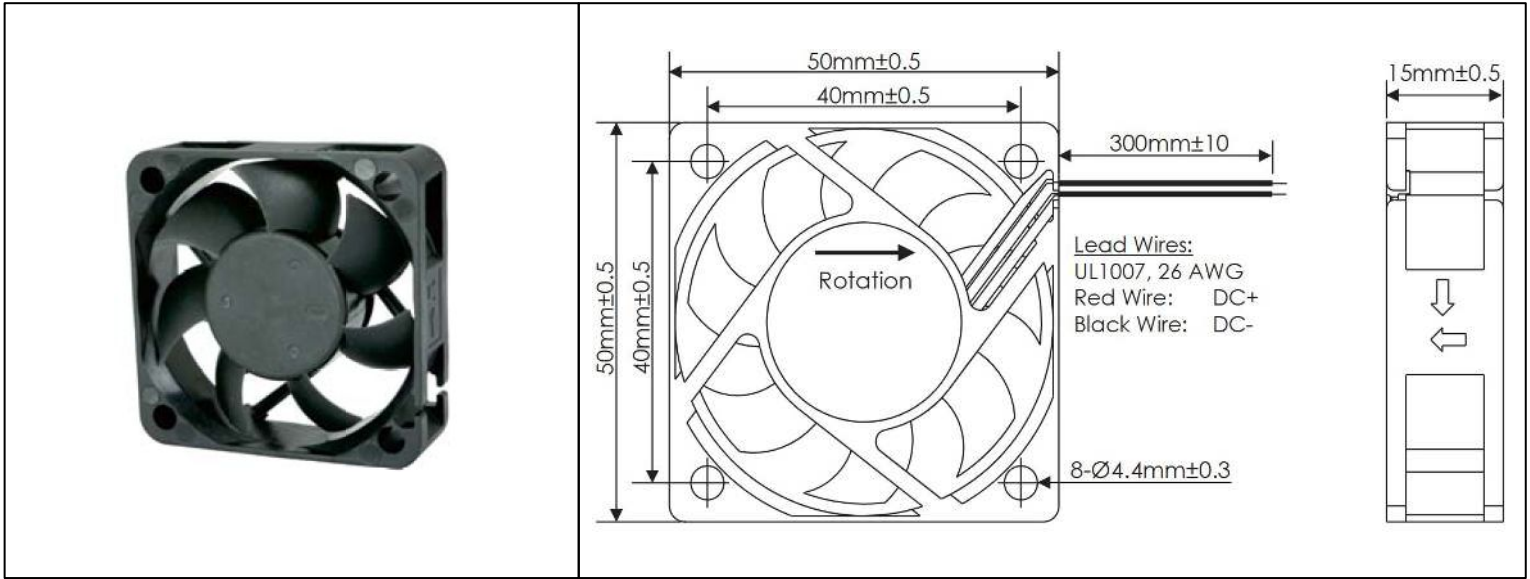


OD5015 Series



DC Fans - 5, 12, 24V
50mm x 50mm x 15mm
(2.0" x 2.0" x 0.6")



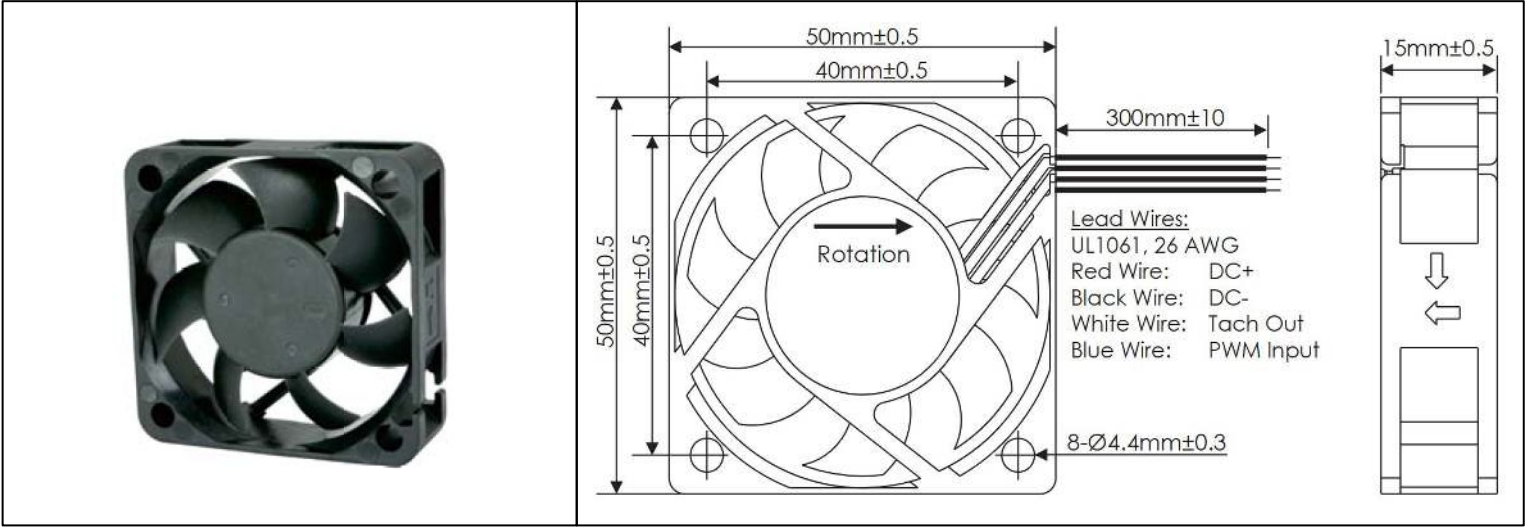
Frame	PBT, UL94 V-0 Plastic	Operating Temperature -20°C ~ +65°C Storage Temperature -20°C ~ +75°C Life Expectancy 70,000 Hours (L10 at 40°C) Available Options PWM Speed Control Input Tachometer Outputs Alarm Outputs IP Ratings 48V Option Weight: 0.08 lbs	
Impeller	PBT, UL94 V-0 Plastic		
Connection	2x Wire Leads, 26 AWG		
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected		
Bearing System	Ball Bearings		
Dielectric Strength	500VDC/min, <1mA		
Insulation Resistance	≥10MΩ @ 500VDC		

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)
OD5015-05HB	5	4.5 ~ 5.5	0.8	0.13	5475	14	32.1	0.20
OD5015-05MB	5	4.5 ~ 5.5	0.5	0.08	4180	11	25.2	0.16
OD5015-12HHB	12	9 ~ 13.8	2.4	0.20	6950	17	36.2	0.25
OD5015-12HB	12	9 ~ 13.8	1.1	0.09	5475	14	32.1	0.20
OD5015-12MB	12	9 ~ 13.8	0.8	0.06	4180	11	25.2	0.16
OD5015-24HB	24	16 ~ 26	1.5	0.06	5475	14	32.1	0.20
OD5015-24MB	24	16 ~ 26	1.0	0.04	4180	11	25.2	0.16

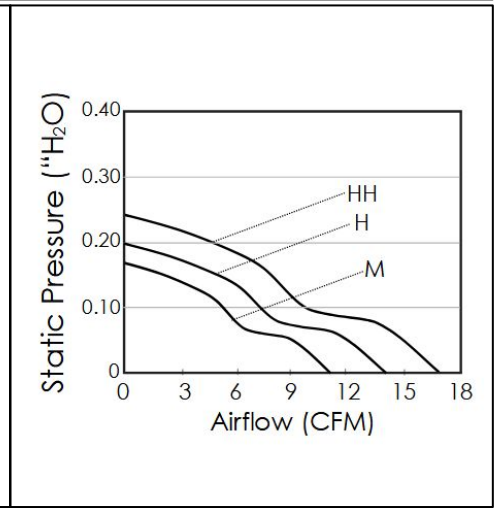
OD5015 Series with PWM and Tachometer



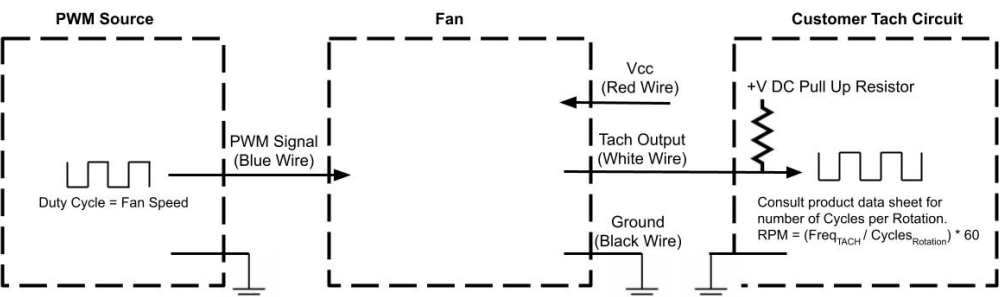
DC Fans - 5, 12, 24V
50mm x 50mm x 15mm
(2.0" x 2.0" x 0.6")



Frame	PBT, UL94 V-0 Plastic	Operating Temperature -20°C ~ +65°C
Impeller	PBT, UL94 V-0 Plastic	
Connection	4x Wire Leads, 26 AWG	Storage Temperature -20°C ~ +75°C
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected	
Bearing System	Ball Bearings	Life Expectancy 70,000 Hours (L10 at 40°C)
Dielectric Strength	500VDC/min, <1mA	
Insulation Resistance	≥10MΩ @ 500VDC	Installed Options PWM Speed Control Input Open Collector Tach Outputs
		Available Options 5V TTL Tach Output
		Weight: 0.08 lbs



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)
OD5015-05HB10A	5	4.5 ~ 5.5	0.8	0.13	5475	14	32.1	0.20
OD5015-05MB10A	5	4.5 ~ 5.5	0.5	0.08	4180	11	25.2	0.16
OD5015-12HHB10A	12	9 ~ 13.8	2.4	0.20	6950	17	36.2	0.25
OD5015-12HB10A	12	9 ~ 13.8	1.1	0.09	5475	14	32.1	0.20
OD5015-12MB10A	12	9 ~ 13.8	0.8	0.06	4180	11	25.2	0.16
OD5015-24HB10A	24	16 ~ 26	1.5	0.06	5475	14	32.1	0.20
OD5015-24MB10A	24	16 ~ 26	1.0	0.04	4180	11	25.2	0.16

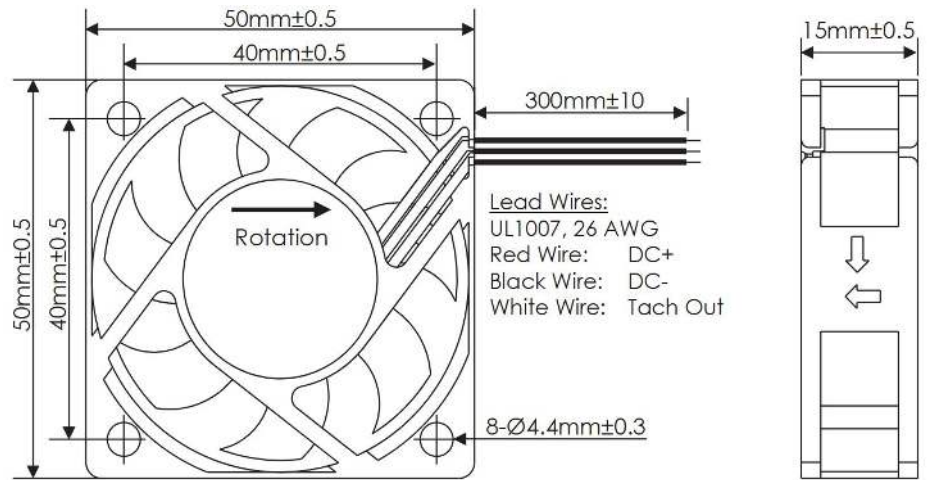


PWM Max High Voltage: 5.5V
 PWM Max Sink Current: 5mA
 PWM Frequency Range: 1KHz-100KHz
 PWM Typical Frequency: 25KHz
 RPM at 0% Duty Cycle: 0 RPM
 RPM will be full speed if PWM input is disconnected.
 RPM will be 0 if PWM input is 0V or grounded.
 Tach Max Pullup Voltage: Fan Vcc
 Tach Max Sink Current: 5mA
 Tach Cycles per Rotation: 2

OD5015 Series with Tachometer



DC Fans - 5, 12, 24V
50mm x 50mm x 15mm
(2.0" x 2.0" x 0.6")

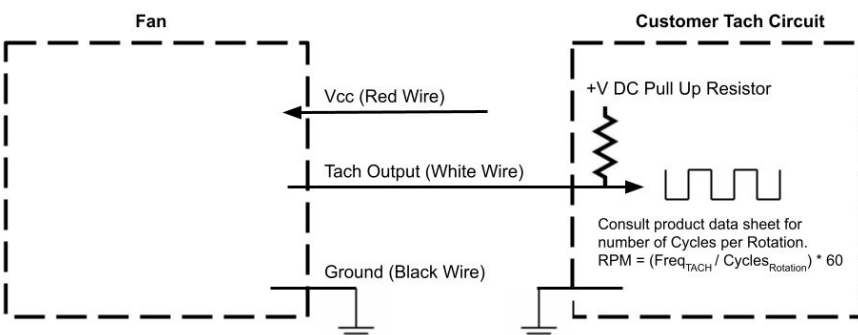


Frame	PBT, UL94 V-0 Plastic	Operating Temperature -20°C ~ +65°C
Impeller	PBT, UL94 V-0 Plastic	
Connection	3x Wire Leads, 26 AWG	Storage Temperature -20°C ~ +75°C
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected	
Bearing System	Ball Bearings	Life Expectancy 70,000 Hours (L10 at 40°C)
Dielectric Strength	500VDC/min, <1mA	Installed Options Open Collector Tach Outputs
Insulation Resistance	≥10MΩ @ 500VDC	Available Options 5V TTL Tach Output
		Weight: 0.08 lbs

Static Pressure ("H₂O")

Airflow (CFM)

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)
OD5015-05HB01A	5	4.5 ~ 5.5	0.8	0.13	5475	14	32.1	0.20
OD5015-05MB01A	5	4.5 ~ 5.5	0.5	0.08	4180	11	25.2	0.16
OD5015-12HHB01A	12	9 ~ 13.8	2.4	0.20	6950	17	36.2	0.25
OD5015-12HB01A	12	9 ~ 13.8	1.1	0.09	5475	14	32.1	0.20
OD5015-12MB01A	12	9 ~ 13.8	0.8	0.06	4180	11	25.2	0.16
OD5015-24HB01A	24	16 ~ 26	1.5	0.06	5475	14	32.1	0.20
OD5015-24MB01A	24	16 ~ 26	1.0	0.04	4180	11	25.2	0.16

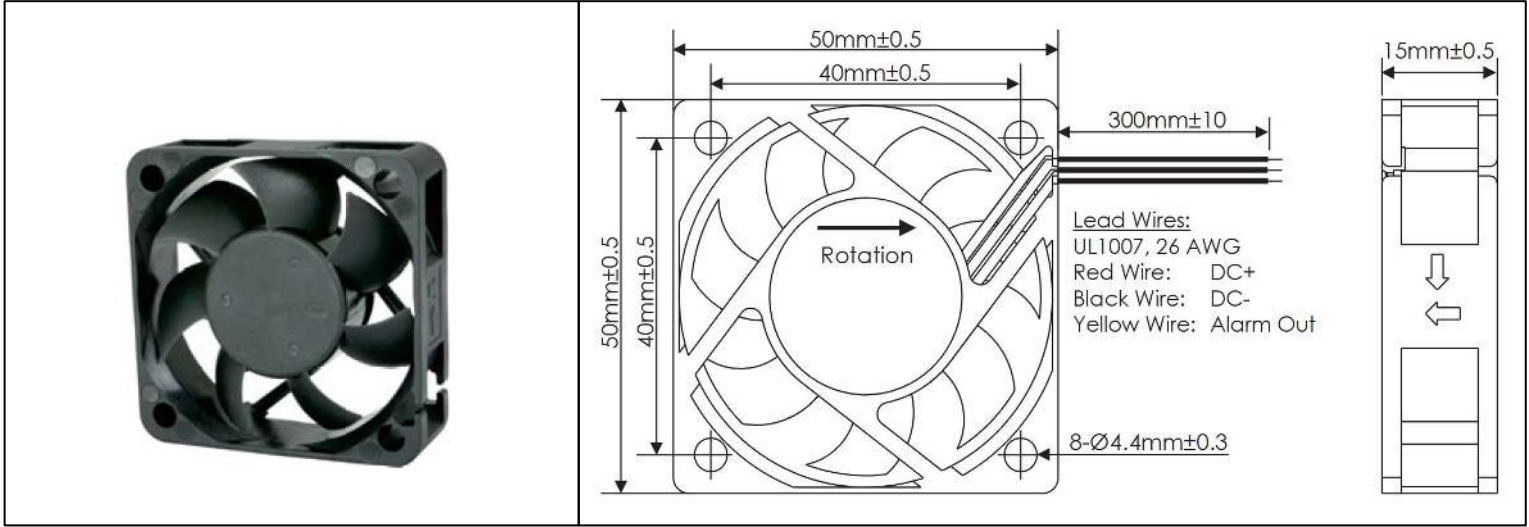


Tach Max Pullup Voltage: Fan Vcc
Tach Max Sink Current: 5mA
Tach Cycles per Rotation: 2

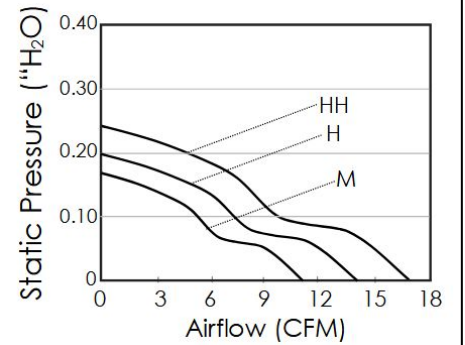
OD5015 Series with Alarm



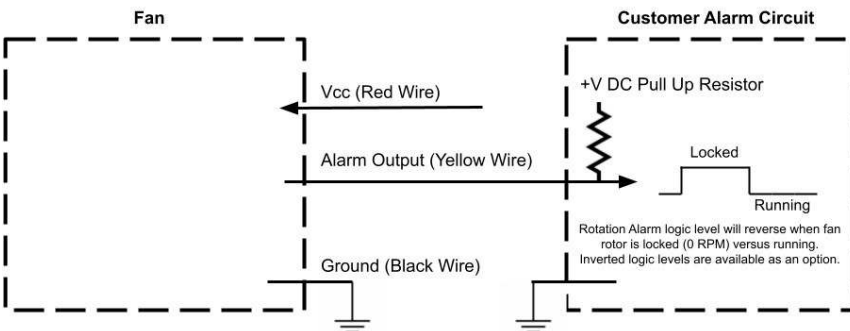
DC Fans - 5, 12, 24V
50mm x 50mm x 15mm
(2.0" x 2.0" x 0.6")



Frame	PBT, UL94 V-0 Plastic	Operating Temperature -20°C ~ +65°C
Impeller	PBT, UL94 V-0 Plastic	
Connection	3x Wire Leads, 26 AWG	Storage Temperature -20°C ~ +75°C
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected	
Bearing System	Ball Bearings	Life Expectancy 70,000 Hours (L10 at 40°C)
Dielectric Strength	500VDC/min, <1mA	
Insulation Resistance	≥10MΩ @ 500VDC	Installed Options Open Collector Alarm Outputs
		Available Options 5V TTL Alarm Output Inverted Alarm State
		Weight: 0.08 lbs



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)
OD5015-05HB02A	5	4.5 ~ 5.5	0.8	0.13	5475	14	32.1	0.20
OD5015-05MB02A	5	4.5 ~ 5.5	0.5	0.08	4180	11	25.2	0.16
OD5015-12HHB02A	12	9 ~ 13.8	2.4	0.20	6950	17	36.2	0.25
OD5015-12HB02A	12	9 ~ 13.8	1.1	0.09	5475	14	32.1	0.20
OD5015-12MB02A	12	9 ~ 13.8	0.8	0.06	4180	11	25.2	0.16
OD5015-24HB02A	24	16 ~ 26	1.5	0.06	5475	14	32.1	0.20
OD5015-24MB02A	24	16 ~ 26	1.0	0.04	4180	11	25.2	0.16



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