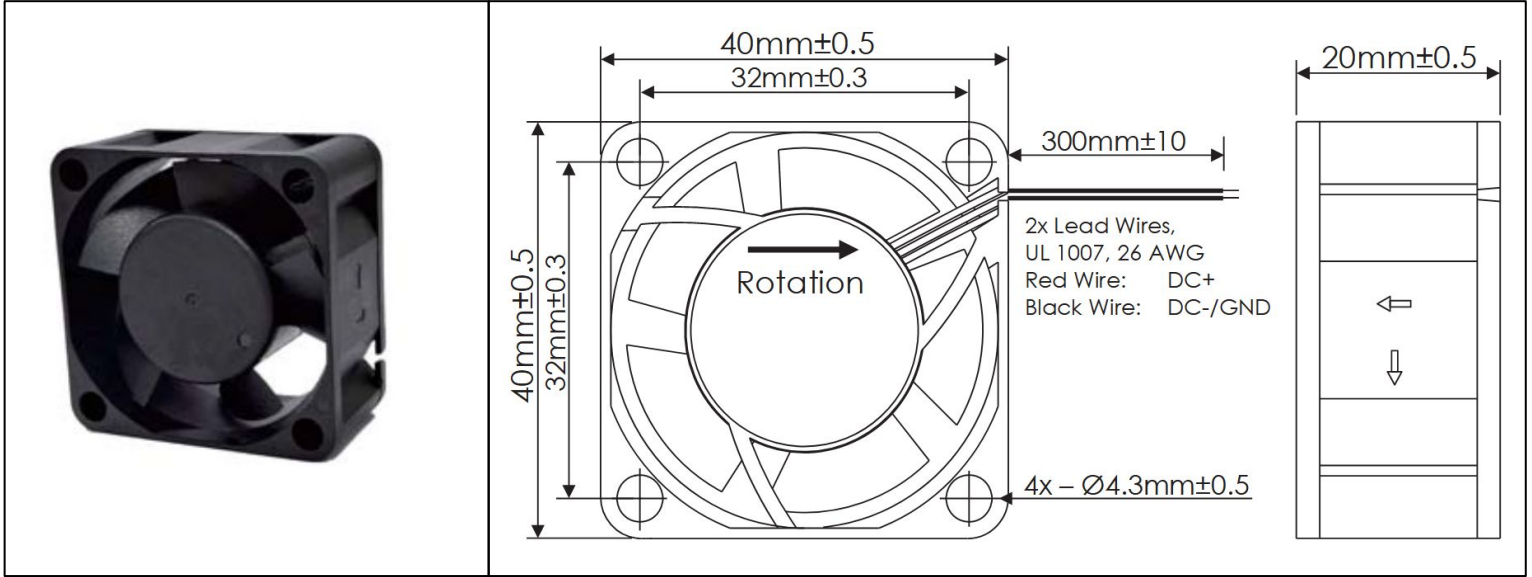


OD4020 Sealed Sleeve Series



DC Fans - 5, 12, 24V
40mm x 20mm (1.58" x 0.79")



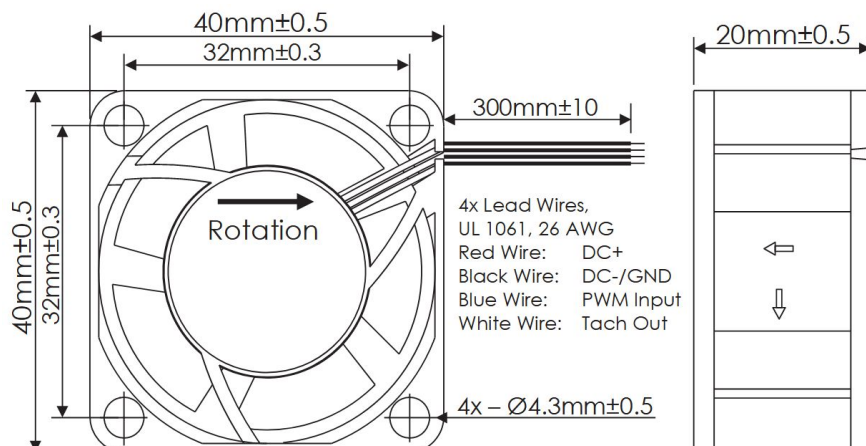
Frame	PBT, UL94 V-0 Plastic	<u>Operating Temperature</u> -20°C ~ +65°C	
Impeller	PBT, UL94 V-0 Plastic	<u>Storage Temperature</u> -20°C ~ +75°C	
Connection	2x Wire Leads, 26 AWG	<u>Life Expectancy</u> 50,000 Hours (L10 at 45°C)	
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected	<u>Available Options</u> Tachometer Output Alarm Output IP Ratings	
Bearing System	Sealed Sleeve	Weight: 0.07 lbs.	
Dielectric Strength	500VDC/min, <1mA		
Insulation Resistance	≥10MΩ @ 500V DC		

Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)(Max)	Rated Current (Amps)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure (" H2O)
OD4020-05HSS	5	4.5 ~ 5.5	1.60	0.23 ~ 0.32	7780	8.7	32.1	0.32
OD4020-05MSS	5	4.5 ~ 5.5	1.15	0.20 ~ 0.23	6475	7.5	30.3	0.17
OD4020-05LSS	5	4.5 ~ 5.5	0.90	0.16 ~ 0.18	5150	6.5	24.1	0.14
OD4020-12HSS	12	8 ~ 13.8	2.52	0.10 ~ 0.21	8190	8.7	32.1	0.32
OD4020-12MSS	12	8 ~ 13.8	1.20	0.08 ~ 0.10	6475	7.5	30.3	0.17
OD4020-12LSS	12	8 ~ 13.8	0.96	0.06 ~ 0.08	5150	6.5	24.1	0.14
OD4020-24HSS	24	14 ~ 26.4	2.16	0.07 ~ 0.09	8190	8.7	32.1	0.32
OD4020-24MSS	24	14 ~ 26.4	1.68	0.05 ~ 0.07	6475	7.5	30.3	0.17
OD4020-24LSS	24	14 ~ 26.4	1.20	0.04 ~ 0.05	5150	6.5	24.1	0.14

OD4020 Sealed Sleeve Series with PWM and Tach

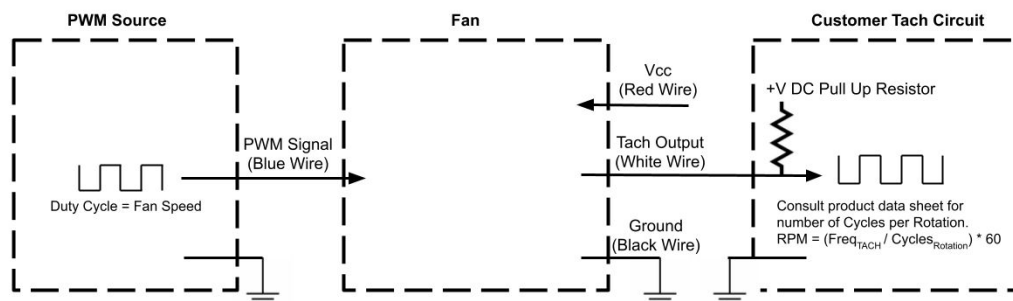


DC Fans - 5, 12, 24V
40mm x 20mm (1.58" x 0.79")



Frame	PBT, UL94 V-0 Plastic	Operating Temperature -20°C ~ +65°C Storage Temperature -20°C ~ +75°C Life Expectancy 50,000 Hours (L10 at 45°C) Installed Options PWM Speed Control Input Open Collector Tach Output Weight: 0.07 lbs.	
Impeller	PBT, UL94 V-0 Plastic		
Connection	4x Wire Leads, 26 AWG		
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected		
Bearing System	Sealed Sleeve		
Dielectric Strength	500VDC/min, <1mA		
Insulation Resistance	≥10MΩ @ 500V DC		

Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)(Max)	Rated Current (Amps)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H ₂ O)
OD4020-05HSS10A	5	4.5 ~ 5.5	1.60	0.23 ~ 0.32	7780	8.7	32.1	0.32
OD4020-05MSS10A	5	4.5 ~ 5.5	1.15	0.20 ~ 0.23	6475	7.5	30.3	0.17
OD4020-05LSS10A	5	4.5 ~ 5.5	0.90	0.16 ~ 0.18	5150	6.5	24.1	0.14
OD4020-12HSS10A	12	8 ~ 13.8	2.52	0.10 ~ 0.21	8190	8.7	32.1	0.32
OD4020-12MSS10A	12	8 ~ 13.8	1.20	0.08 ~ 0.10	6475	7.5	30.3	0.17
OD4020-12LSS10A	12	8 ~ 13.8	0.96	0.06 ~ 0.08	5150	6.5	24.1	0.14
OD4020-24HSS10A	24	14 ~ 26.4	2.16	0.07 ~ 0.09	8190	8.7	32.1	0.32
OD4020-24MSS10A	24	14 ~ 26.4	1.68	0.05 ~ 0.07	6475	7.5	30.3	0.17
OD4020-24LSS10A	24	14 ~ 26.4	1.20	0.04 ~ 0.05	5150	6.5	24.1	0.14

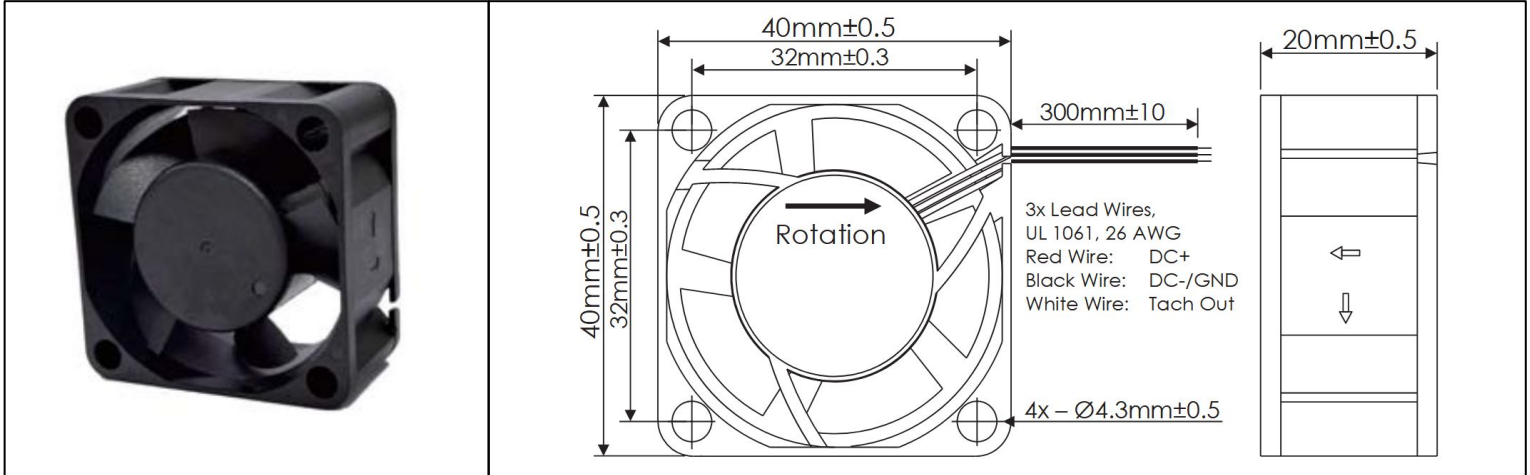


PWM Max High Voltage: 5V
 PWM Max Sink Current: 5mA
 PWM Frequency Range: 1KHz-40KHz
 PWM Typical Frequency: 25KHz
 RPM at 0% Duty Cycle: 0 RPM
 RPM will be full speed if PWM input is disconnected.
 RPM will be 0 RPM if PWM input is grounded.
 Tach Max Pullup Voltage: Fan Vcc
 Tach Max Sink Current: 5mA
 Tach Cycles per Rotation: 2

OD4020 Sealed Sleeve Series with Tach

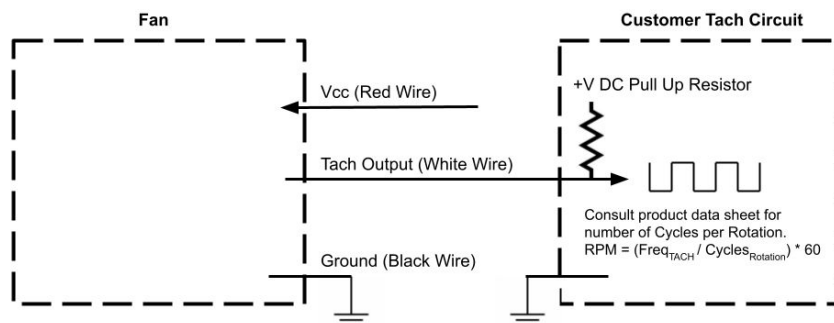


DC Fans - 5, 12, 24V
40mm x 20mm (1.58" x 0.79")



Frame	PBT, UL94 V-0 Plastic	Operating Temperature -20°C ~ +65°C	
Impeller	PBT, UL94 V-0 Plastic	Storage Temperature -20°C ~ +75°C	
Connection	3x Wire Leads, 26 AWG	Life Expectancy 50,000 Hours (L10 at 45°C)	
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected	Installed Options Open Collector Tach Output	
Bearing System	Sealed Sleeve	Weight: 0.07 lbs.	
Dielectric Strength	500VDC/min, <1mA		
Insulation Resistance	≥10MΩ @ 500V DC		

Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)(Max)	Rated Current (Amps)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H2O)
OD4020-05HSS01A	5	4.5 ~ 5.5	1.60	0.23 ~ 0.32	7780	8.7	32.1	0.32
OD4020-05MSS01A	5	4.5 ~ 5.5	1.15	0.20 ~ 0.23	6475	7.5	30.3	0.17
OD4020-05LSS01A	5	4.5 ~ 5.5	0.90	0.16 ~ 0.18	5150	6.5	24.1	0.14
OD4020-12HSS01A	12	8 ~ 13.8	2.52	0.10 ~ 0.21	8190	8.7	32.1	0.32
OD4020-12MSS01A	12	8 ~ 13.8	1.20	0.08 ~ 0.10	6475	7.5	30.3	0.17
OD4020-12LSS01A	12	8 ~ 13.8	0.96	0.06 ~ 0.08	5150	6.5	24.1	0.14
OD4020-24HSS01A	24	14 ~ 26.4	2.16	0.07 ~ 0.09	8190	8.7	32.1	0.32
OD4020-24MSS01A	24	14 ~ 26.4	1.68	0.05 ~ 0.07	6475	7.5	30.3	0.17
OD4020-24LSS01A	24	14 ~ 26.4	1.20	0.04 ~ 0.05	5150	6.5	24.1	0.14



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