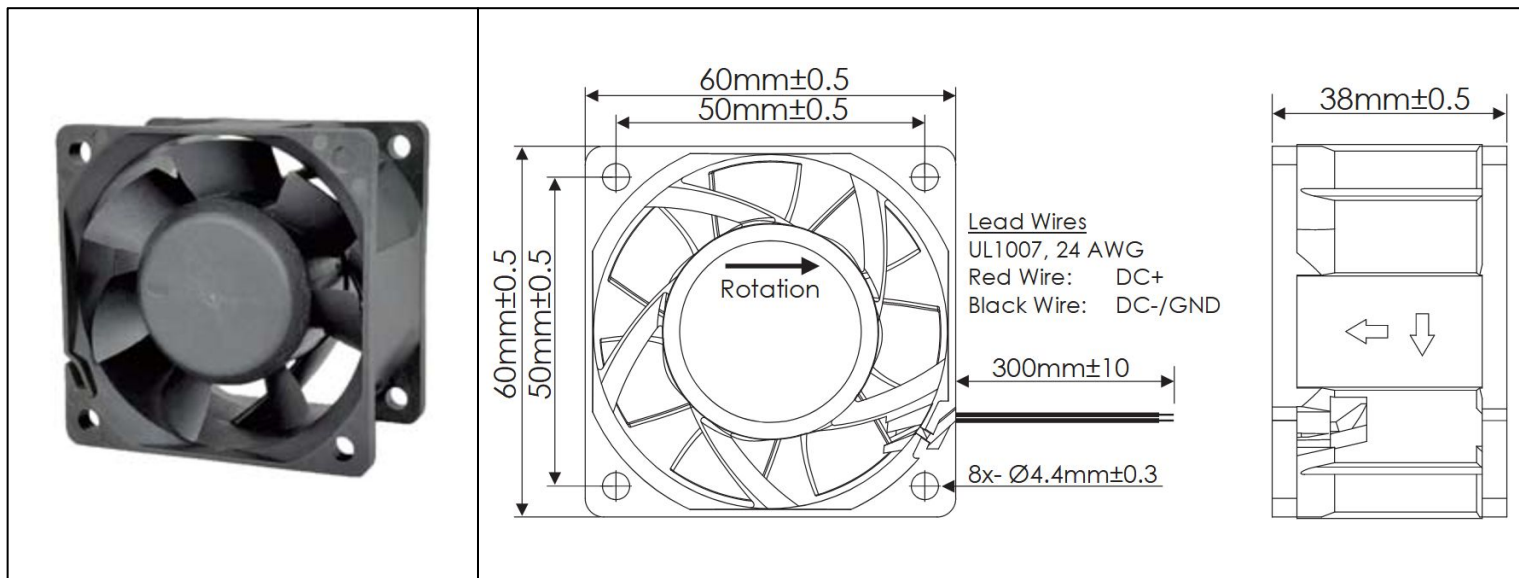


OD6038 VXC Series



DC Fans - 12, 24, 48V
60mm x 60mm x 38mm (2.4" x 1.5")



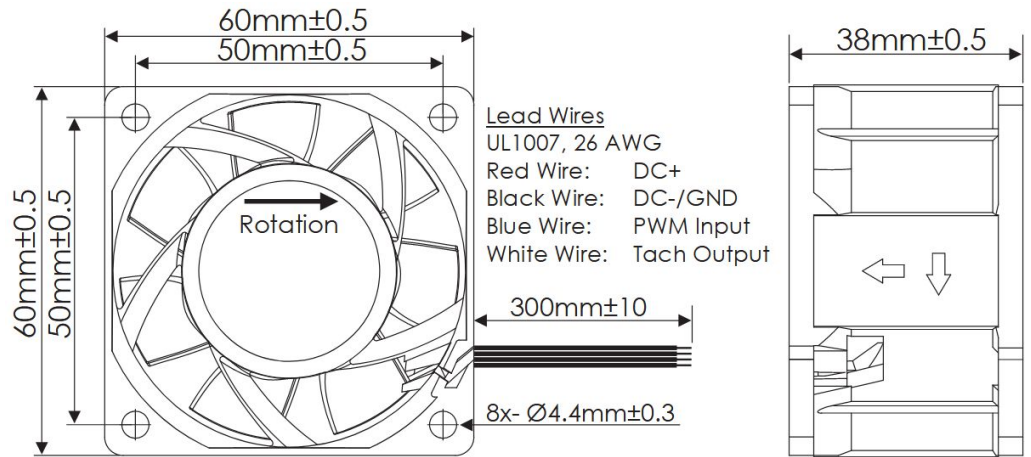
Frame	PBT, UL94 V-0 Plastic	<u>Operating Temperature</u> -20°C ~ +65°C	
Impeller	PBT, UL94 V-0 Plastic	<u>Storage Temperature</u> -20°C ~ +75°C	
Connection	2x Wire Leads, 24 AWG	<u>Life Expectancy</u> 70,000 Hours (L10 at 40°C)	
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected	<u>Available Options</u> Tachometer Output PWM Speed Control Input IP Ratings Other speeds	
Bearing System	Ball Bearings	Weight: 0.19 lbs.	
Dielectric Strength	500VDC/min, <1mA		
Insulation Resistance	≥10MΩ @ 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)
OD6038-12HBVXC	12	9 ~ 13.8	22.4	1.80	11750	67.8	62.4	2.2
OD6038-12MBVXC	12	9 ~ 13.8	15.7	1.28	9080	55.6	57.2	1.5
OD6038-12LBVXC	12	9 ~ 13.8	11.2	0.90	8950	51.3	54.1	1.2
OD6038-24HHBVXC	24	16 ~ 26.4	24.0	1.00	13925	78.7	65.1	2.8
OD6038-24HBVXC	24	16 ~ 26.4	21.3	0.87	11750	67.8	62.4	2.2
OD6038-24MBVXC	24	16 ~ 26.4	13.2	0.54	9080	55.6	57.2	1.5
OD6038-24LBVXC	24	16 ~ 26.4	12.4	0.50	8950	51.3	54.1	1.2
OD6038-48HHBVXC	48	40 ~ 56.0	24.0	0.50	13925	78.7	65.1	2.8
OD6038-48HBVXC	48	40 ~ 56.0	19.3	0.40	11750	67.8	62.4	2.2
OD6038-48MBVXC	48	40 ~ 56.0	14.5	0.30	9080	55.6	57.2	1.5
OD6038-48LBVXC	48	40 ~ 56.0	12.2	0.25	8950	51.3	54.1	1.2

OD6038 VXC Series with PWM and Tach

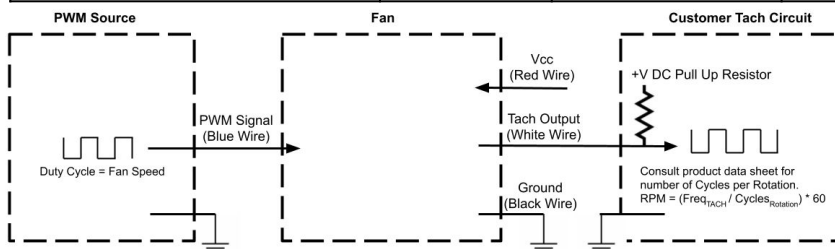


DC Fans - 12, 24, 48V
60mm x 60mm x 38mm (2.4" x 1.5")



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 PWM Speed Control Input Open Collector Tach Output Available Options 5V TTL Tach Output Weight: 0.19 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	Ball Bearings		
Dielectric Strength	500VDC/min, <1mA		
Insulation Resistance	≥10MΩ @ 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)
OD6038-12HBVXC10A	12	9 ~ 13.8	22.4	1.80	11750	67.8	62.4	2.2
OD6038-12MBVXC10A	12	9 ~ 13.8	15.7	1.28	9080	55.6	57.2	1.5
OD6038-12LBVXC10A	12	9 ~ 13.8	11.2	0.90	8950	51.3	54.1	1.2
OD6038-24HHBVXC10A	24	16 ~ 26.4	24.0	1.00	13925	78.7	65.1	2.8
OD6038-24HBVXC10A	24	16 ~ 26.4	21.3	0.87	11750	67.8	62.4	2.2
OD6038-24MBVXC10A	24	16 ~ 26.4	13.2	0.54	9080	55.6	57.2	1.5
OD6038-24LBVXC10A	24	16 ~ 26.4	12.4	0.50	8950	51.3	54.1	1.2
OD6038-48HHBVXC10A	48	40 ~ 56.0	24.0	0.50	13925	78.7	65.1	2.8
OD6038-48HBVXC10A	48	40 ~ 56.0	19.3	0.40	11750	67.8	62.4	2.2
OD6038-48MBVXC10A	48	40 ~ 56.0	14.5	0.30	9080	55.6	57.2	1.5
OD6038-48LBVXC10A	48	40 ~ 56.0	12.2	0.25	8950	51.3	54.1	1.2



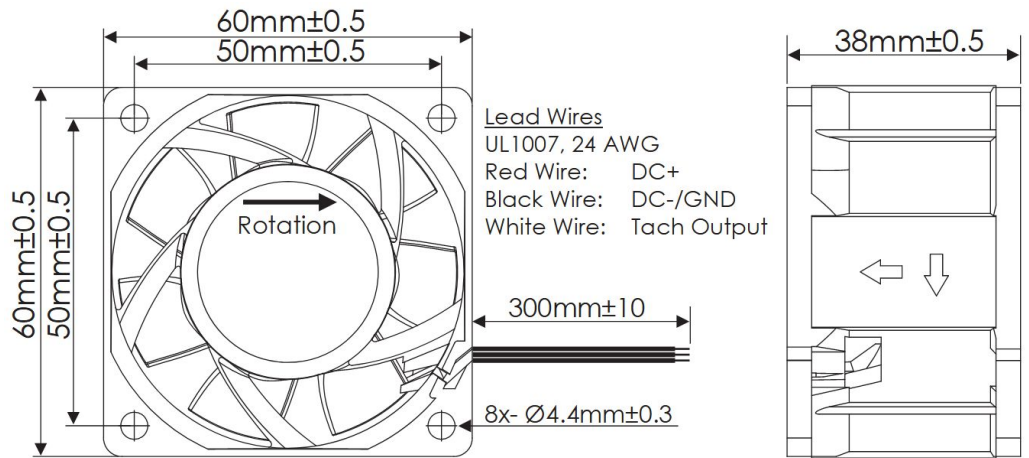
Tach Max Pullup Voltage:
Tach Max Sink Current: 5mA
Tach Cycles per Rotation: 2
PWM Max High Voltage: 5V
PWM Max Sink Current: 5mA
PWM Frequency Range: 1KHz-100KHz
PWM Typical Frequency: 25KHz
RPM at 0% Duty Cycle: 0 RPM
RPM will be full speed if PWM input is disconnected.
RPM will be 0 RPM if PWM input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

Fan Vcc

OD6038 VXC Series with Tach

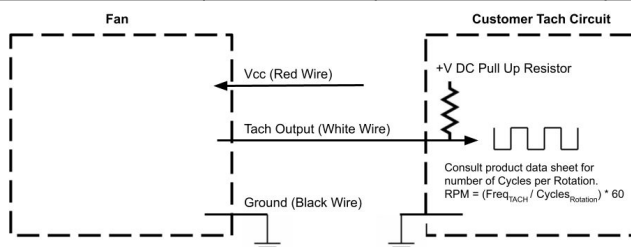


DC Fans - 12, 24, 48V
60mm x 60mm x 38mm (2.4" x 1.5")



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 Tach Output Weight: 0.19 lbs.	
Impeller	PBT, UL94 V-0 Plastic		
Connection	3x Wire Leads, 24 AWG		
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected		
Bearing System	Ball Bearings		
Dielectric Strength	500VDC/min, <1mA		
Insulation Resistance	≥10MΩ @ 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)
OD6038-12HBVXC01A	12	9 ~ 13.8	22.4	1.80	11750	67.8	62.4	2.2
OD6038-12MBVXC01A	12	9 ~ 13.8	15.7	1.28	9080	55.6	57.2	1.5
OD6038-12LBVXC01A	12	9 ~ 13.8	11.2	0.90	8950	51.3	54.1	1.2
OD6038-24HHBVXC01A	24	16 ~ 26.4	24.0	1.00	13925	78.7	65.1	2.8
OD6038-24HBVXC01A	24	16 ~ 26.4	21.3	0.87	11750	67.8	62.4	2.2
OD6038-24MBVXC01A	24	16 ~ 26.4	13.2	0.54	9080	55.6	57.2	1.5
OD6038-24LBVXC01A	24	16 ~ 26.4	12.4	0.50	8950	51.3	54.1	1.2
OD6038-48HHBVXC01A	48	40 ~ 56.0	24.0	0.50	13925	78.7	65.1	2.8
OD6038-48HBVXC01A	48	40 ~ 56.0	19.3	0.40	11750	67.8	62.4	2.2
OD6038-48MBVXC01A	48	40 ~ 56.0	14.5	0.30	9080	55.6	57.2	1.5
OD6038-48LBVXC01A	48	40 ~ 56.0	12.2	0.25	8950	51.3	54.1	1.2



Tach Max Pullup Voltage:
Tach Max Sink Current: 5mA
Tach Cycles per Revolution:

Fan Vcc
2