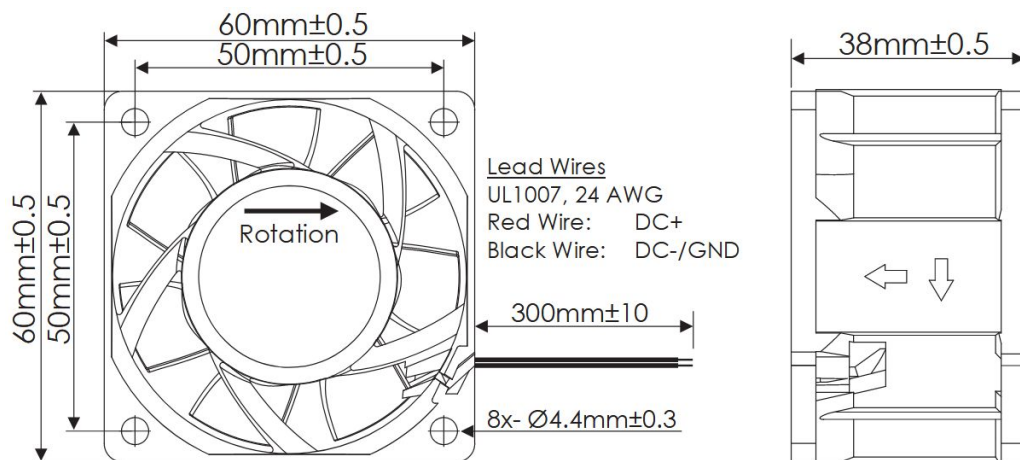


OD6038 VXE Series



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



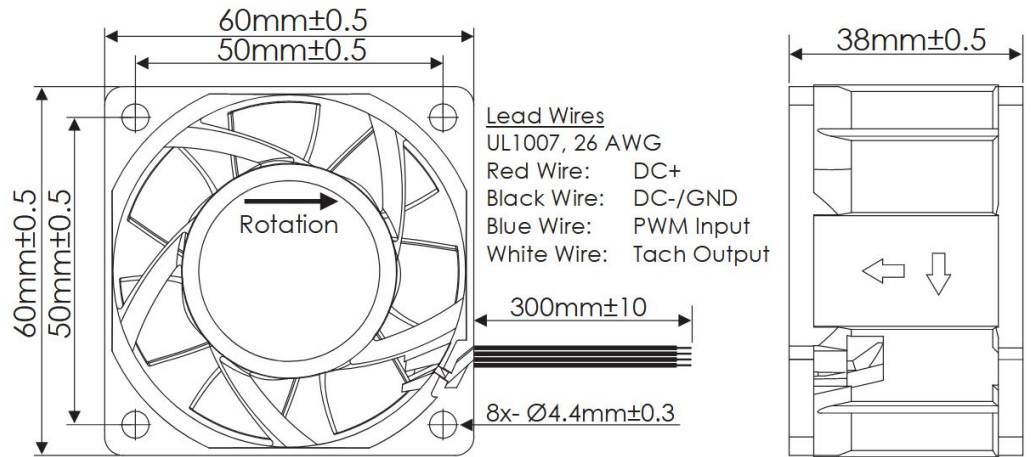
Frame	PBT, UL94 V-0 Plastic	<u>Operating Temperature</u> -20°C ~ +65°C <u>Storage Temperature</u> -20°C ~ +75°C <u>Life Expectancy</u> 70,000 Hours (L10 at 40°C) <u>Available Options</u> Tachometer Output PWM Speed Control Input IP Ratings Other speeds Weight: 0.19 lbs.	
Impeller	PBT, UL94 V-0 Plastic		
Connection	2x Wire Leads, 24 AWG		
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected		
Bearing System	Dual 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)
OD6038-12HBVXE	12	9 ~ 13.8	22.4	1.80	11750	67.8	62.4	2.2
OD6038-12MBVXE	12	9 ~ 13.8	15.7	1.28	9080	55.6	57.2	1.5
OD6038-12LBVXE	12	9 ~ 13.8	11.2	0.90	8950	51.3	54.1	1.2
OD6038-24HHBVXE	24	16 ~ 26.4	24.0	1.00	13925	78.7	65.1	2.8
OD6038-24HBVXE	24	16 ~ 26.4	21.3	0.87	11750	67.8	62.4	2.2
OD6038-24MBVXE	24	16 ~ 26.4	13.2	0.54	9080	55.6	57.2	1.5
OD6038-24LBVXE	24	16 ~ 26.4	12.4	0.50	8950	51.3	54.1	1.2
OD6038-48HHBVXE	48	40 ~ 60.0	24.0	0.50	13925	78.7	65.1	2.8
OD6038-48HBVXE	48	40 ~ 60.0	19.3	0.40	11750	67.8	62.4	2.2
OD6038-48MBVXE	48	40 ~ 60.0	14.5	0.30	9080	55.6	57.2	1.5
OD6038-48LBVXE	48	40 ~ 60.0	12.2	0.25	8950	51.3	54.1	1.2

OD6038 VXE Series with PWM and Tach

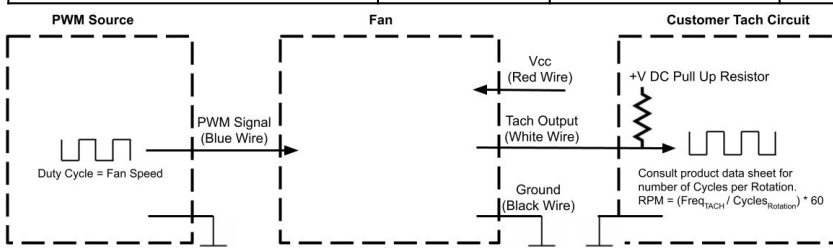


DC Fans - 12, 24, 48V
60mm x 60mm x 38mm (2.4" x 1.5")



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	Dual 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)
OD6038-12HBVXE10A	12	9 ~ 13.8	22.4	1.80	11750	67.8	62.4	2.2
OD6038-12MBVXE10A	12	9 ~ 13.8	15.7	1.28	9080	55.6	57.2	1.5
OD6038-12LBVXE10A	12	9 ~ 13.8	11.2	0.90	8950	51.3	54.1	1.2
OD6038-24HHBVXE10A	24	16 ~ 26.4	24.0	1.00	13925	78.7	65.1	2.8
OD6038-24HBVXE10A	24	16 ~ 26.4	21.3	0.87	11750	67.8	62.4	2.2
OD6038-24MBVXE10A	24	16 ~ 26.4	13.2	0.54	9080	55.6	57.2	1.5
OD6038-24LBVXE10A	24	16 ~ 26.4	12.4	0.50	8950	51.3	54.1	1.2
OD6038-48HHBVXE10A	48	40 ~ 60.0	24.0	0.50	13925	78.7	65.1	2.8
OD6038-48HBVXE10A	48	40 ~ 60.0	19.3	0.40	11750	67.8	62.4	2.2
OD6038-48MBVXE10A	48	40 ~ 60.0	14.5	0.30	9080	55.6	57.2	1.5
OD6038-48LBVXE10A	48	40 ~ 60.0	12.2	0.25	8950	51.3	54.1	1.2



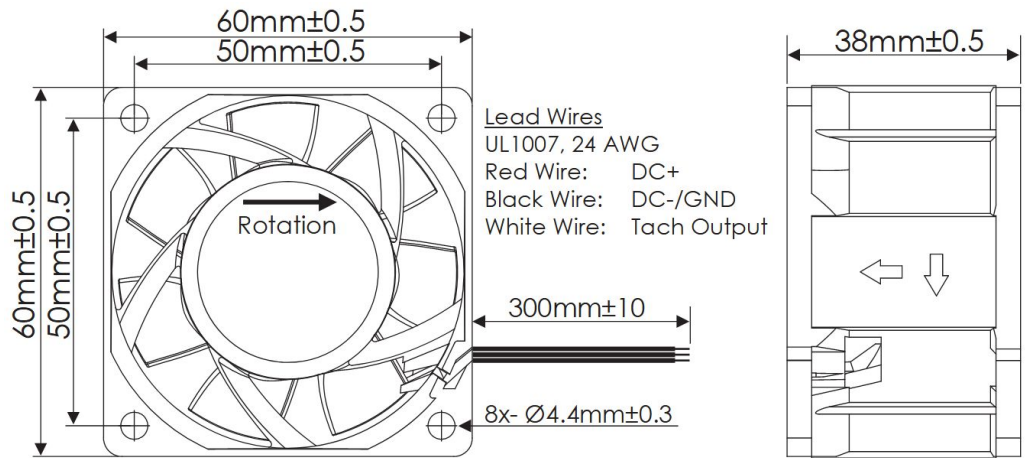
Tach Max Pullup Voltage:
Tach Max Sink Current: 5mA
Tach Cycles per Rotation: 2
PWM Max High Voltage: 5V
PWM Max Sink Current: 5mA
PWM Frequency Range: 1KHz-100KHz
PWM Typical Frequency: 25KHz
RPM at 0% Duty Cycle: 0 RPM
RPM will be full speed if PWM input is disconnected.
RPM will be 0 RPM if PWM input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

Fan Vcc

OD6038 VXE Series with Tach

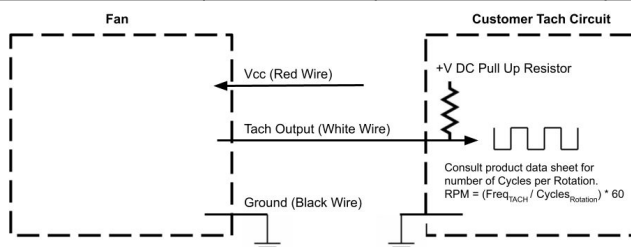


DC Fans - 12, 24, 48V
60mm x 60mm x 38mm (2.4" x 1.5")



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	Dual 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)
OD6038-12HBVXE01A	12	9 ~ 13.8	22.4	1.80	11750	67.8	62.4	2.2
OD6038-12MBVXE01A	12	9 ~ 13.8	15.7	1.28	9080	55.6	57.2	1.5
OD6038-12LBVXE01A	12	9 ~ 13.8	11.2	0.90	8950	51.3	54.1	1.2
OD6038-24HHBVXE01A	24	16 ~ 26.4	24.0	1.00	13925	78.7	65.1	2.8
OD6038-24HBVXE01A	24	16 ~ 26.4	21.3	0.87	11750	67.8	62.4	2.2
OD6038-24MBVXE01A	24	16 ~ 26.4	13.2	0.54	9080	55.6	57.2	1.5
OD6038-24LBVXE01A	24	16 ~ 26.4	12.4	0.50	8950	51.3	54.1	1.2
OD6038-48HHBVXE01A	48	40 ~ 60.0	24.0	0.50	13925	78.7	65.1	2.8
OD6038-48HBVXE01A	48	40 ~ 60.0	19.3	0.40	11750	67.8	62.4	2.2
OD6038-48MBVXE01A	48	40 ~ 60.0	14.5	0.30	9080	55.6	57.2	1.5
OD6038-48LBVXE01A	48	40 ~ 60.0	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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Orion Fans:](#)

[OD6038-48HHBVXE](#) [OD6038-24HBVXE](#) [OD6038-12HBVXE](#) [OD6038-48MBVXE](#) [OD6038-24LBVXE](#) [OD6038-12LBVXE](#) [OD6038-12MBVXE](#) [OD6038-24HHBVXE](#) [OD6038-48HBVXE](#) [OD6038-48LBVXE](#) [OD6038-24MBVXE](#)