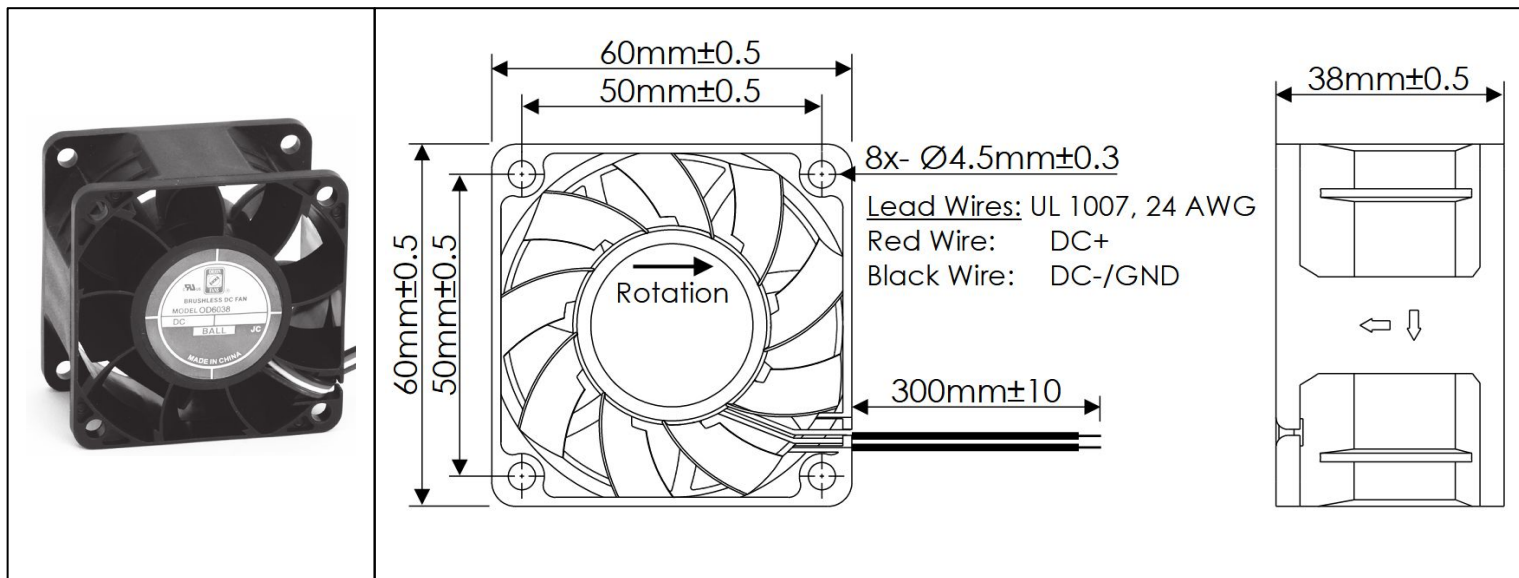


OD6038 VXC Series



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



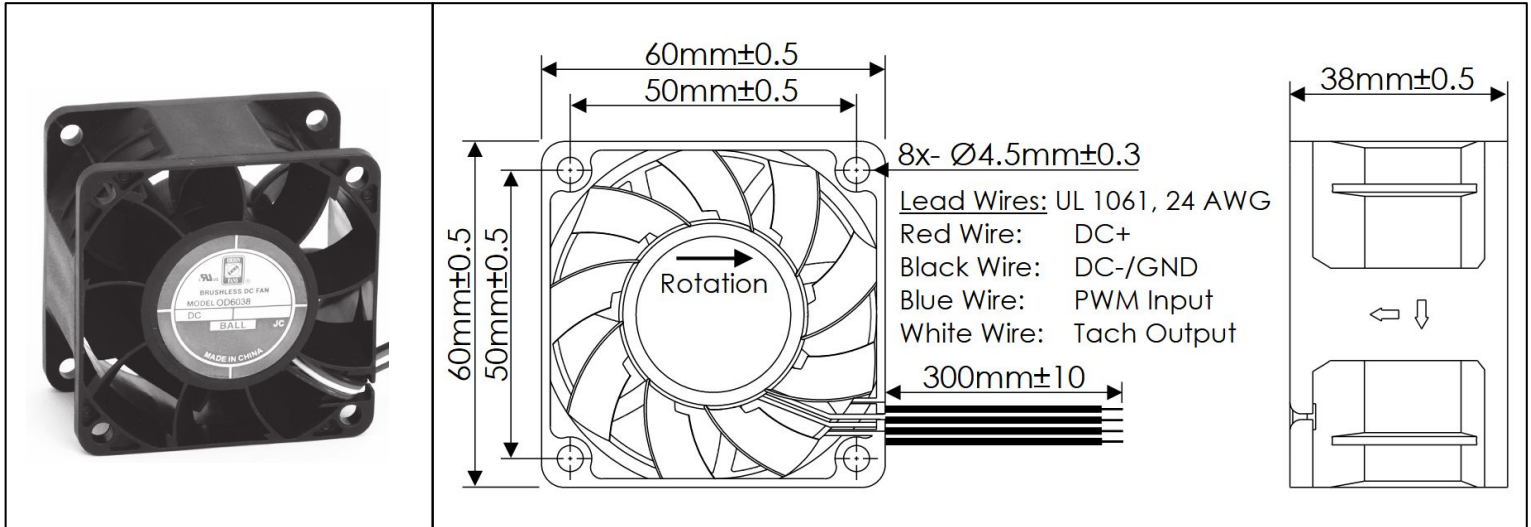
Frame	PBT, UL94 V-0 Plastic	<u>Operating Temperature</u> -10°C ~ +70°C <u>Storage Temperature</u> -40°C ~ +80°C <u>Life Expectancy</u> 70,000 Hours (L10 at 40°C) <u>Available Options</u> Tachometer Output PWM Speed Control Input IP Ratings Weight: 0.24 lbs.	
Impeller	PBT, UL94 V-0 Plastic		
Connection	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)
OD6038-12HBVXC	12	9 ~ 13.8	21.6	1.80	10000	58	64	1.4
OD6038-12MBVXC	12	9 ~ 13.8	7.68	0.64	8000	45	61	0.9
OD6038-12LBVXC	12	9 ~ 13.8	3.36	0.28	6000	33	52	0.5
OD6038-24HBVXC	24	16 ~ 26.4	21.1	0.88	10000	58	64	1.4
OD6038-24MBVXC	24	16 ~ 26.4	10.3	0.43	8000	45	61	0.9
OD6038-24LBVXC	24	16 ~ 26.4	4.80	0.20	6000	33	52	0.5

OD6038 VXC Series with PWM and Tach

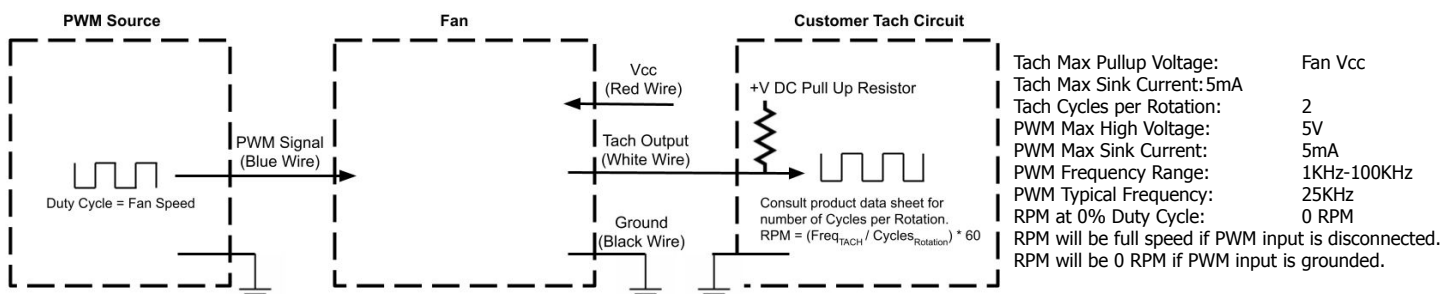


DC Fans - 12, 24, 48V
60mm x 60mm x 38mm (2.4" x 1.5")



Frame	PBT, UL94 V-0 Plastic	Operating Temperature -10°C ~ +70°C	Static Pressure ("H₂O")
Impeller	PBT, UL94 V-0 Plastic	Storage Temperature -40°C ~ +80°C	
Connection	4x Wire Leads, 24 AWG	Life Expectancy 70,000 Hours (L10 at 40°C)	
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected	Installed Options PWM Speed Control Input Open Collector Tach Output	
Bearing System	Dual Ball Bearings	Available Options 5V TTL Tach Output	
Dielectric Strength	500VDC/min, <1mA	Weight: 0.19 lbs.	
Insulation Resistance	≥10MΩ @ 500 VDC		

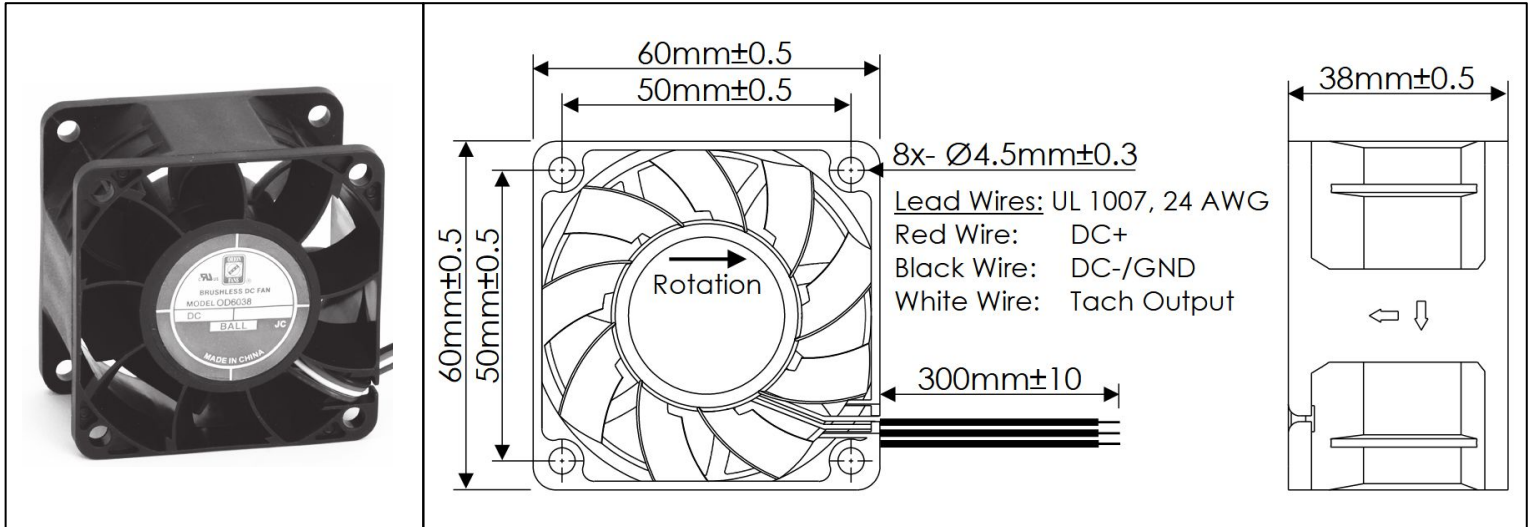
Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)	Rated Current (Amps)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H ₂ O")
OD6038-12HBVXC10A	12	9 ~ 13.8	21.6	1.80	10000	58	64	1.4
OD6038-12MBVXC10A	12	9 ~ 13.8	7.68	0.64	8000	45	61	0.9
OD6038-12LBVXC10A	12	9 ~ 13.8	3.36	0.28	6000	33	52	0.5
OD6038-24HBVXC10A	24	16 ~ 26.4	21.1	0.88	10000	58	64	1.4
OD6038-24MBVXC10A	24	16 ~ 26.4	10.3	0.43	8000	45	61	0.9
OD6038-24LBVXC10A	24	16 ~ 26.4	4.80	0.20	6000	33	52	0.5



OD6038 VXC Series with Tach

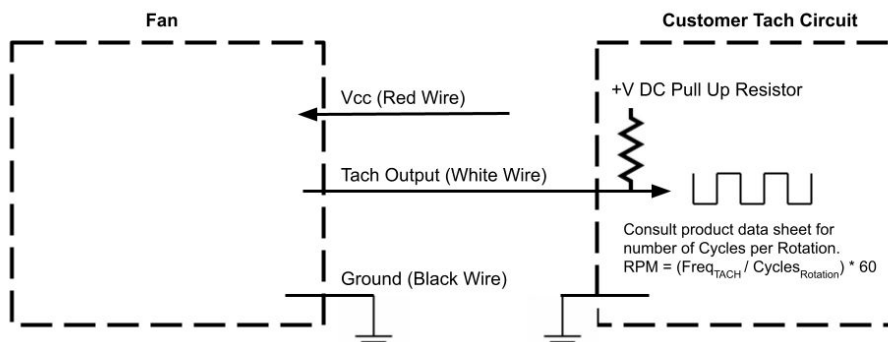


DC Fans - 12, 24, 48V
60mm x 60mm x 38mm (2.4" x 1.5")



Frame	PBT, UL94 V-0 Plastic	Operating Temperature -10°C ~ +70°C	
Impeller	PBT, UL94 V-0 Plastic	Storage Temperature -40°C ~ +80°C	
Connection	3x Wire Leads, 24 AWG	Life Expectancy 70,000 Hours (L10 at 40°C)	
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected	Installed Options Open Collector Tach Output	
Bearing System	Dual Ball Bearings	Available Options 5V TTL Tach Output	
Dielectric Strength	500VDC/min, <1mA	Weight: 0.19 lbs.	
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	21.6	1.80	10000	58	64	1.4
OD6038-12MBVXC01A	12	9 ~ 13.8	7.68	0.64	8000	45	61	0.9
OD6038-12LBVXC01A	12	9 ~ 13.8	3.36	0.28	6000	33	52	0.5
OD6038-24HBVXC01A	24	16 ~ 26.4	21.1	0.88	10000	58	64	1.4
OD6038-24MBVXC01A	24	16 ~ 26.4	10.3	0.43	8000	45	61	0.9
OD6038-24LBVXC01A	24	16 ~ 26.4	4.80	0.20	6000	33	52	0.5



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:](#)

[OD6038-12HB-VXC](#) [OD6038-12MB-VXC](#) [OD6038-12LB-VXC](#) [OD6038-12HBVXC10A](#) [OD6038-24LB-VXC](#)
[OD6038-24MB-VXC](#) [OD6038-24HB-VXC](#)