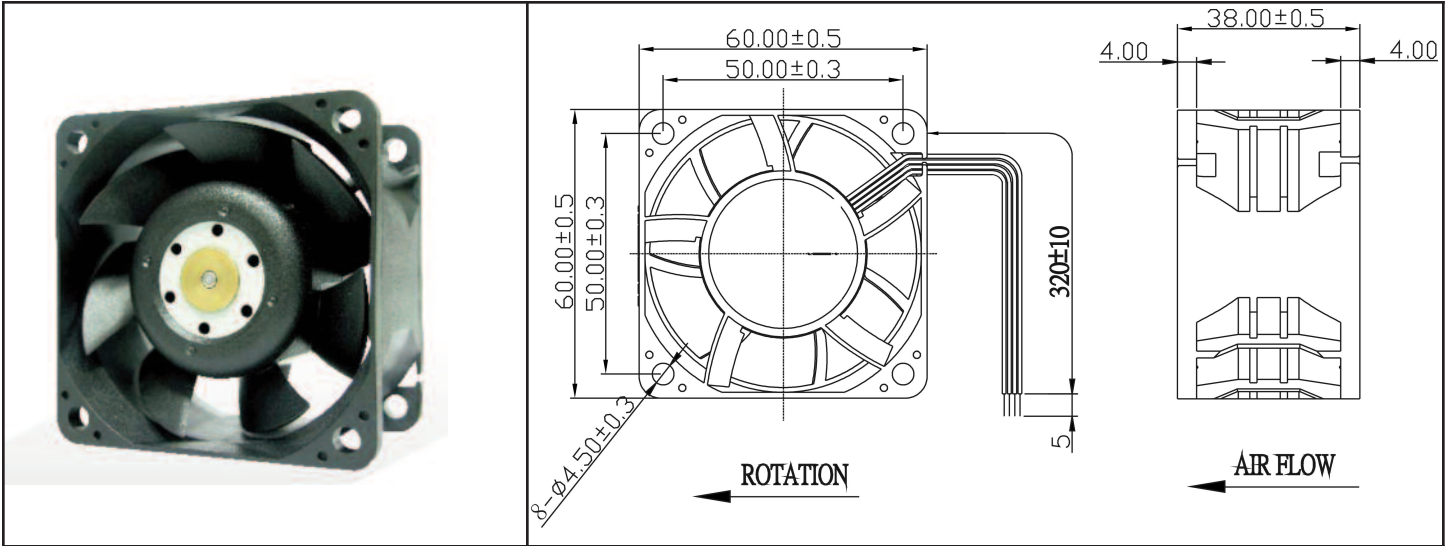


OD6038 XC Series



DC Fan 12V

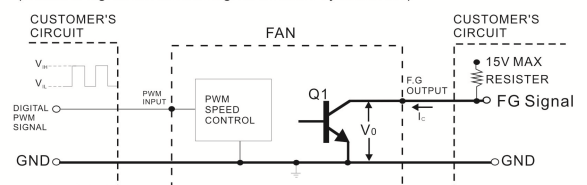
60x38mm (2.36"x 1.5")



Frame & Impeller	PBT, UL94V-O plastic	Tachometer - Open Collector PWM Input Weight: ~ 125 g * Connection UL1007, 24AWG, ~320mm Red (+) Black (-) White Tachometer Blue PWM	
Connection	4x Lead wires *		
Motor	Brushless DC, auto restart, polarity protected.		
Bearing System	Dual ball bearing		
Insulation Resistance	Min. 10M at 500VDC		
Dielectric Strength	1 minute at 500 VAC, max leakage < 500 MicroAmp		
Temperature Range	-20C ~ +70C		
Storage Temperature	-40C ~ +80C	m1	
Life (L10)	70,000 hours (40C)		

Part Number	OD6038-12HHBXC10A
Nominal Voltage	12V DC
Voltage Range	10.8 ~ 13.2V DC
Nominal Current	2.70 A
Rated Power	36 W
Rated Speed (RPM)	16000
Airflow (CFM)	86
Noise Level (dB)	66
Max. Static Pressure	2.95" H2O

(External signal function design is decided by customer)



- *TRANSISTOR Q1 AT "ON" POSITION
- COLLECTOR CURRENT----- $I_c = 10\text{mA MAX}$
- SATURATION VOLTAGE----- $V_{ol} = 1\text{ V MAX}$
- *TRANSISTOR Q1 AT "OFF" POSITION
- RELEASE VOLTAGE----- $V_{oh} = 15\text{ V MAX}$
- *DIGITAL PWM SPEED CONTROL POSITION
- PWM INPUT VOLTAGE HIGH----- $V_{ih} = 5.5\text{ V MAX}$
- PWM INPUT VOLTAGE LOW----- $V_{il} = 0.5\text{ V MAX}$
- *PWM INPUT FREQUENCY----- $FPWM: 18\text{KHZ} \sim 30\text{KHZ}$