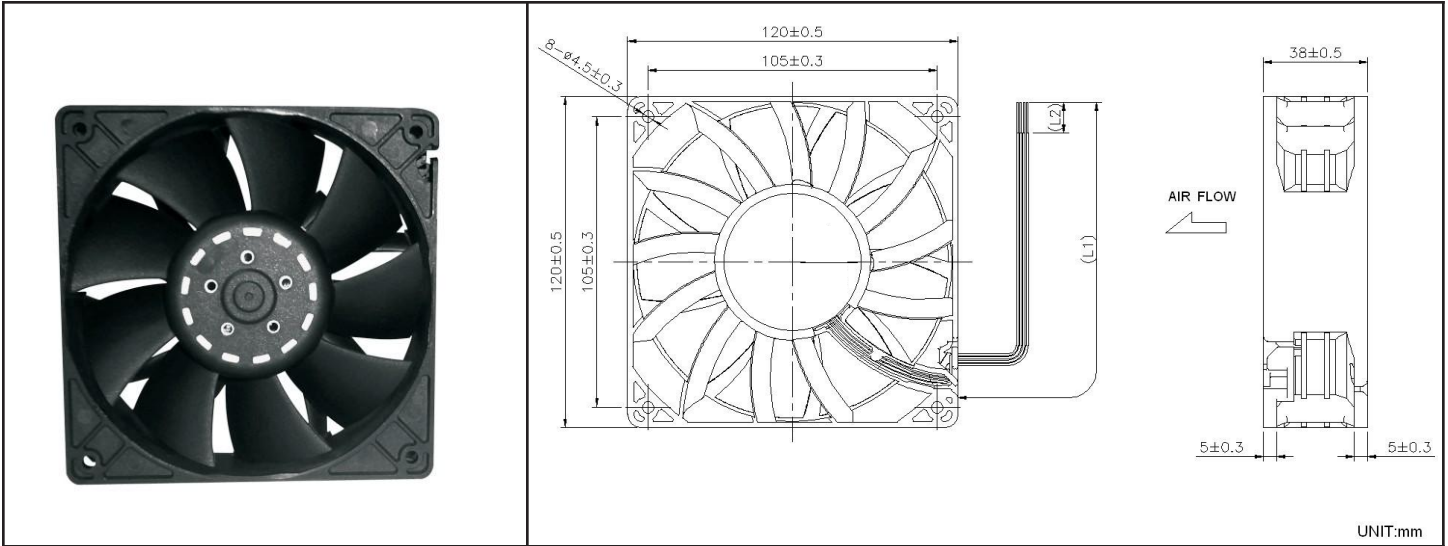


# OD1238 XJ Series

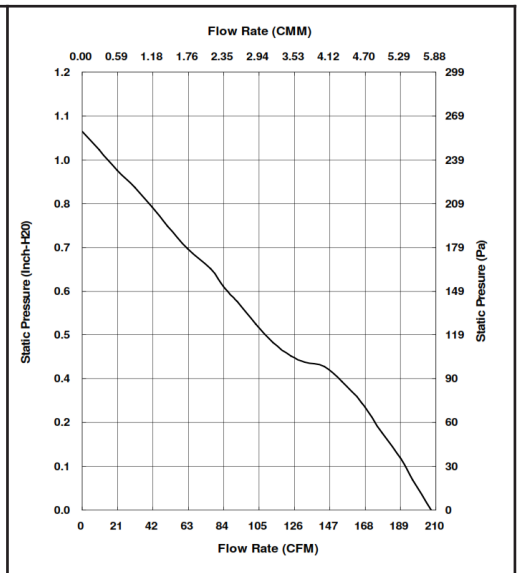


DC Fan 12V

120x38mm (4.7"x 1.5")

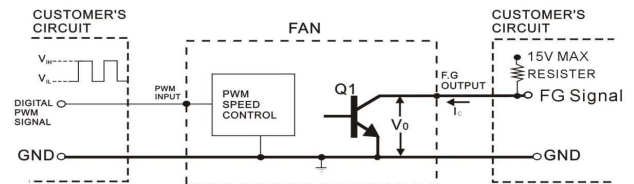


Frame & Impeller	PBT, UL94V-O plastic	Tachometer - Open Collector PWM  Weight: ~ 375 g  * Connection UL1007, 24AWG, ~320mm Red (+) Black (-) White Tachometer Blue PWM
Conneccion	4x Lead wires *	
Motor	Brushless DC, auto restart, polarity protected.	
Bearing System	Dual ball bearing	
Insulation Resistance	Min. 10M at 500VDC	
Dielectric Strength	1 minute at 500 VAC, max leakage < 500 MicroAmp	
Temperature Range	-10C ~ +70C	
Storage Temperature	-40C ~ +80C	
Life (L10)	70,000 hours (40C)	m1



Part Number	OD1238-12MBXJ10A
Nominal Voltage	12V DC
Voltage Range	7 ~ 13.2V DC
Rated Current	2.30 A
Rated Power	27.6 W
Rated Speed (RPM)	5000
Airflow (CFM)	207
Noise Level (dB)	63
Max. Static Pressure	1.04" H <sub>2</sub> O

(External signal function design is decided by customer)



- \*TRANSISTOR Q1 AT "ON" POSITION  
COLLECTOR CURRENT-----I<sub>c</sub> = 10mA MAX  
SATURATION VOLTAGE-----V<sub>OL</sub> = 1 V MAX
- \*TRANSISTOR Q1 AT "OFF" POSITION  
RELEASE VOLTAGE-----V<sub>OH</sub> = 15 V MAX
- \*DIGITAL PWM SPEED CONTROL POSITION  
PWM INPUT VOLTAGE HIGH-----V<sub>H</sub> = 3V~5.5 V  
PWM INPUT VOLTAGE LOW-----V<sub>IL</sub> = 0V~0.5V
- \*PWM INPUT FREQUENCY-----FPWM: 18KHZ~30KHZ