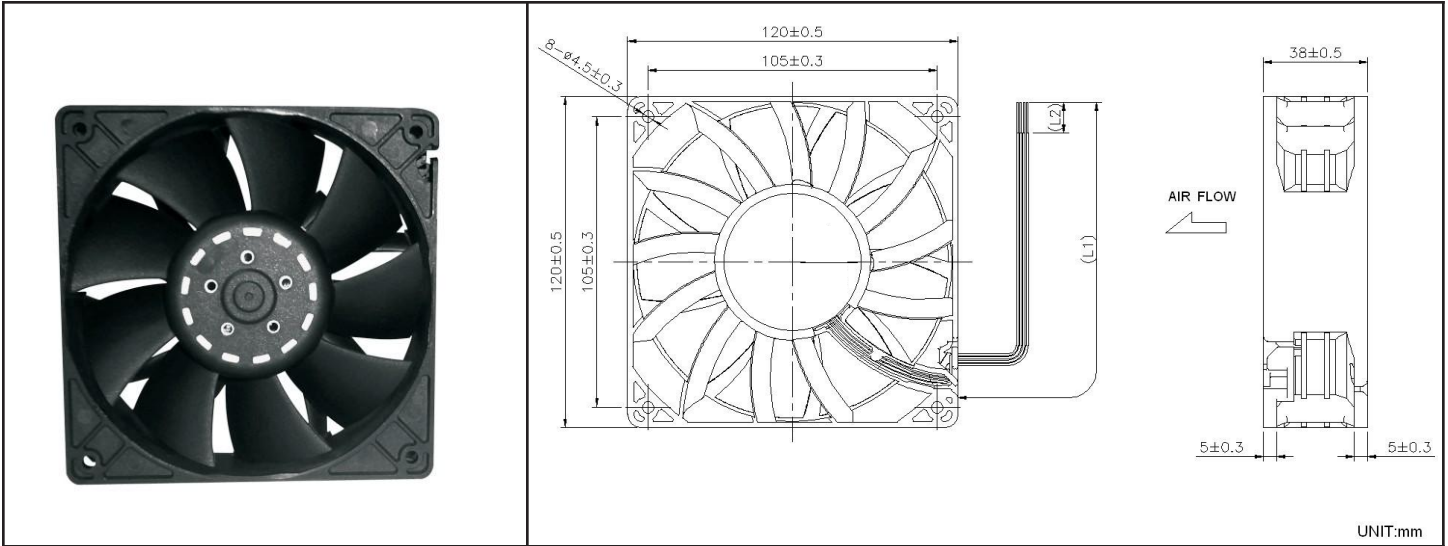


# OD1238 XJ Series



DC Fan 12V

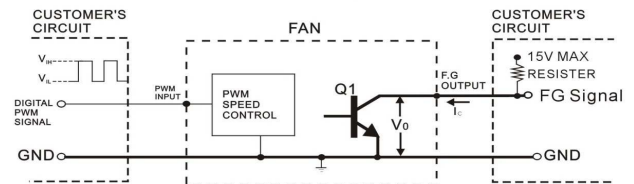
120x38mm (4.7"x 1.5")



Frame & Impeller	PBT, UL94V-O plastic	Tachometer - Open Collector PWM  Weight: ~ 375 g  * Connection UL1007, 24AWG, ~320mm Red (+) Black (-) White Tachometer Blue PWM  m1	
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)		

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" 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----- $V_{IH} = 3\text{V} \sim 5.5\text{V}$   
PWM INPUT VOLTAGE LOW----- $V_{IL} = 0\text{V} \sim 0.5\text{V}$
- \*PWM INPUT FREQUENCY----- $f_{PWM} = 18\text{KHZ} \sim 30\text{KHZ}$