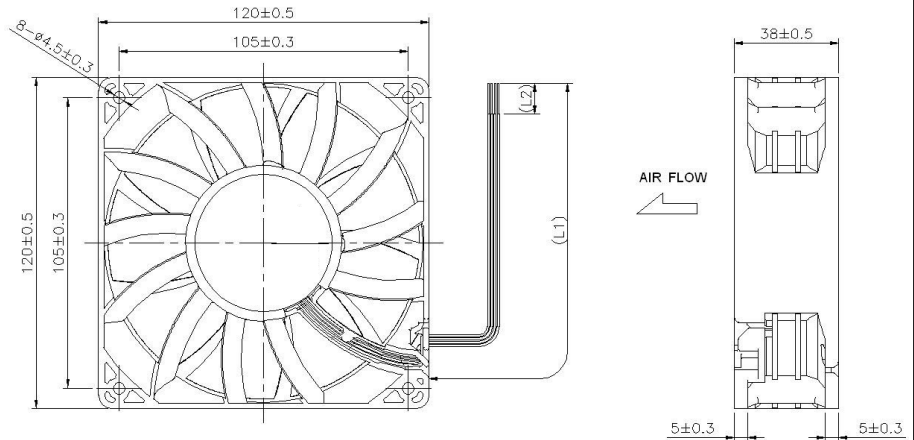


OD1238 XJ Series



DC Fan 12V

120x38mm (4.7"x 1.5")

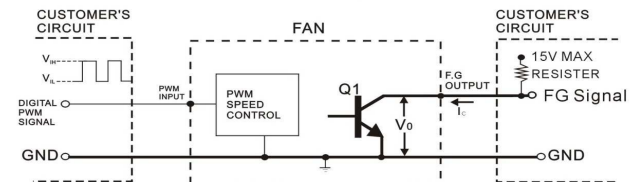


UNIT:mm

Frame & Impeller	PBT, UL94V-O plastic	Tachometer - Open Collector PWM Weight: ~ 375 g * Connection UL1007, 24AWG, ~320mm Red (+) Black (-) White Tachometer Blue PWM	
Connecion	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	m1	
Life (L10)	70,000 hours (40C)		

Part Number	OD1238-12HBXJ10A
Nominal Voltage	12V DC
Voltage Range	7 ~ 13.2V DC
Rated Current	3.70 A
Rated Power	44.4 W
Rated Speed (RPM)	6000
Airflow (CFM)	250
Noise Level (dB)	69
Max. Static Pressure	1.48" 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----- $FPWM: 18\text{KHZ} \sim 30\text{KHZ}$