

Axial Flow Fan

LWAD5015LX-01

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Model No.:	LWAD5015LX-01
Customer:	
Made by :	ZHONG WEN RU (钟文如)
Check by :	YAO HUI (姚辉)
Approved by :	LI WEI PENG (李卫鹏)
Date :	2022-11-18

Characters :

Item	Description
Rated Voltage :	12.0 VDC
Operation Voltage:	7.0-13.8 VDC
Input Current:	0.14 (Max. 0.18) A
Input Power:	1.68 (Max. 2.16)W
Speed :	7000 RPM ($\pm 10\%$)
Max.Air Flow : (at 0 Satic Pressure)	16.03 (Min. 14.4) CFM
Max.Air Pressure : (at 0 Air Flow)	8.28(MIN.7.45) mm H2O
Acoustical Noise (AVF.) :	38.5 (Max. 42.80) dBA
Insulation Type :	UL:CLASS A
Insulation Strength :	10 Meg OHM MIN. At 500VDC
Delectric Strength :	5 mA Max,at 500VAC~80Hz,1 Minute
External Cover:	Open Type
Life Expectance :	50,000 Hours continous operation at 25°C with 15~65%RH
Rotation :	Clockwise view from name plate side
Lead Wire :	UL1007 28 # 2PIN 2510-2Pcreamy white,Wire Length:135+/-10mm PIN1: Black Wire Negative (-) PIN2: Red Wire Positive (+)

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Mechanical Data :

Dimensions :	See Dimensions Drawing ;
Frame :	PBT Plastic UL:94V-0 ;
Impeller :	PBT Plastic UL:94V-0 ;
Bearing Type :	Two Ball Bearings ;
Weight :	27.0GRAMS

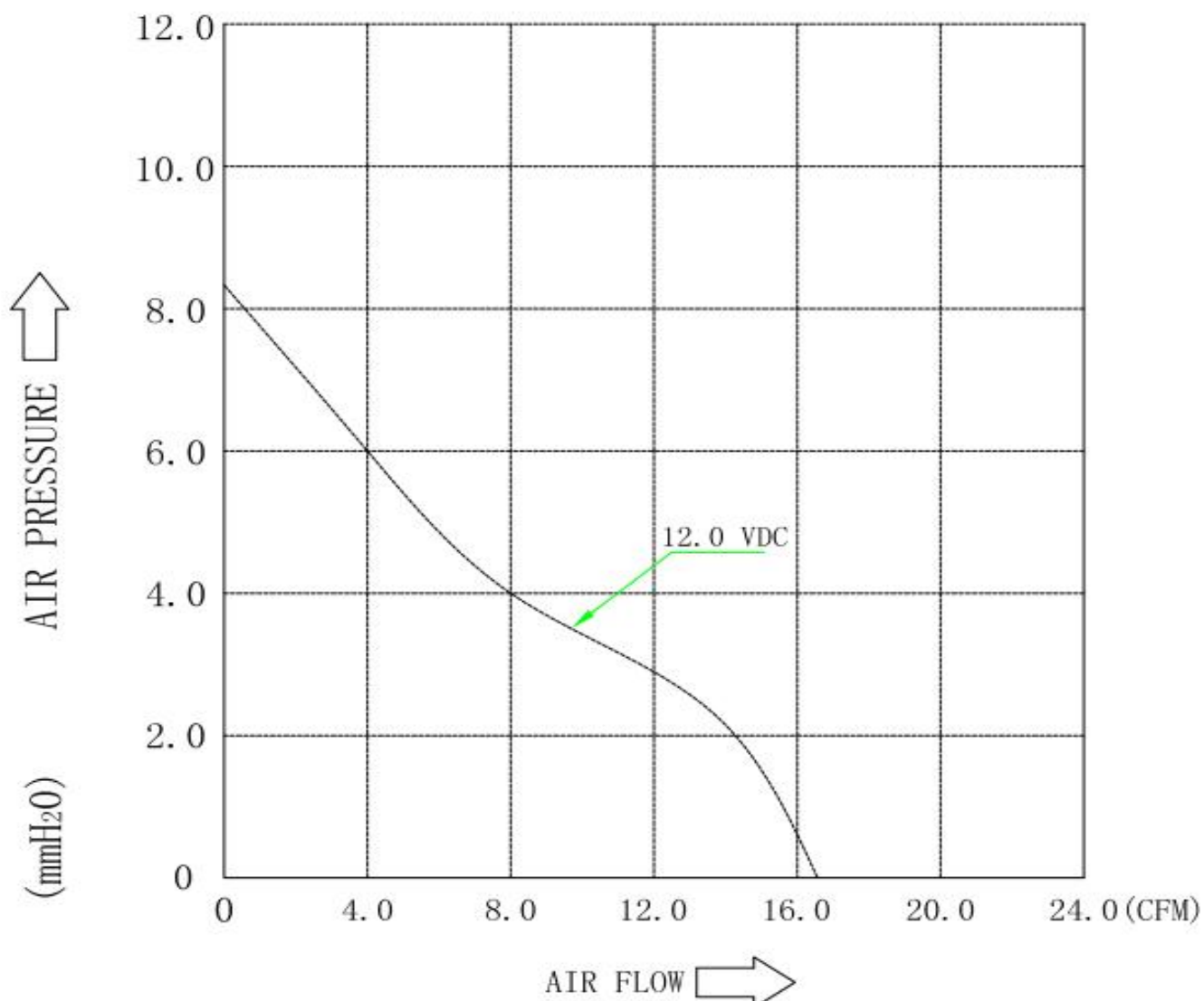
Environmental :

Operating Temperature :	-10 °C ~ +60 °C ;
Storage Temperature :	-40 °C ~ +70 °C ;
Operating Humidity:	5 % RH ~ 90% RH ;
Storage Humidity :	5 % RH ~ 95% RH ;

Protection :

Drop Testing :	In mininum packaging condition : fan with stands each one drop of three faces from 30cm distance height onto 10mm thickness of wooden board ;
Locked Rotor Protection:	Impedance of Motor winding protects Motor from fire in 72 hours of locked rotor condition at the rated voltage ;
Production Location :	Made - In - China ;

Charts : P-Q Curve

**Test Condition :**

Input Voltage - Operation Voltage ;

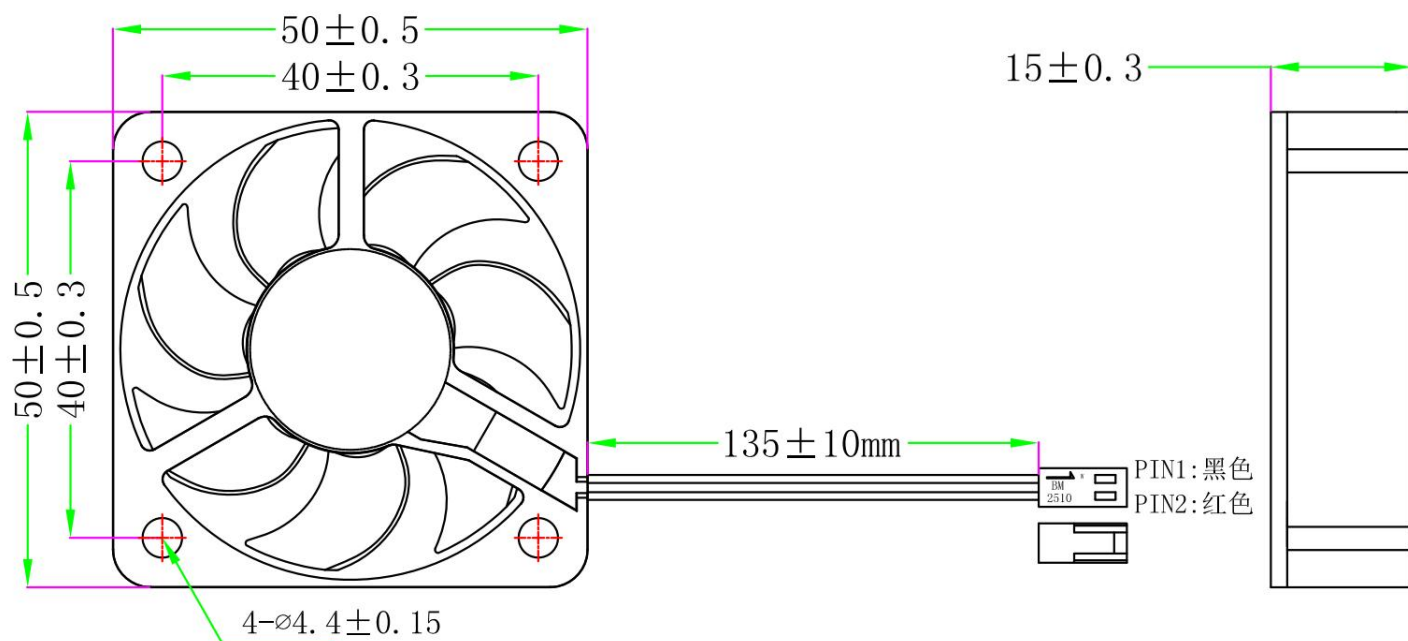
Temperature - Environment Temperature (Room temperature about 20~25 °C) ;

Humidity : 65% RH

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Dimensions Drawing :



Notes :

UL1007 28# 2PIN ,2510-2P creamy white;Wire Length:440+/-10mm

PIN1: Black Wire Negative (-)

PIN2: Red Wire Positive (+)

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CUSTOMER APPROVAL

CUSTOMER SIGNATURE:

DATE :