

# **APISTEK Technology CO., LTD.**

Part No:

apistek Model:LB51S5U-PFTA

1. Scope:

This specification defines the electrical and mechanical characteristics of the DC brushless fan.

2. Characters:

| Item                                   | Description                                                                            |
|----------------------------------------|----------------------------------------------------------------------------------------|
| BEARING TYPE                           | Sleeve                                                                                 |
| RatedVoltage                           | 5.0VDC                                                                                 |
| Operation Voltage                      | 4.5~5.5VDC                                                                             |
| Start-up Voltage                       | 3.5 VDC(at 25°C Power on/off)                                                          |
| Input Current                          | 0.40A(0.44 A max)                                                                      |
| Input Power                            | 2.0W                                                                                   |
| Speed                                  | 6000±10%R.P.M.(at 25°C to record speed after running over 3~5min normal)               |
| Max. Air Flow(at zero static pressure) | 3.46CFM min :3.114CFM)                                                                 |
| Max. AirPressure(at zero pressure)     | 9.89mmAq(min : 8.901 mmAq )                                                            |
| Acoustical Noise(test distance 1.0M)   | 37.2 dB(A) (max : 40 dB(A) )                                                           |
| Insulation Type                        | UL: ClassA                                                                             |
| LifeExpectancy                         | 35000 Hrs.continuous at 40°C/65 %RH                                                    |
| InsulationResistance                   | Min 10Meg ohmmin. at 500VDC(between frame and (+) terminal)                            |
| Dielectric Strength                    | 5mA max.at 500VAC 50/60Hz 1minute between frame and (+)terminal                        |
| Rotation                               | ■Clockwise view from front of fan blade□Counter-Clockwise view from front of fan blade |

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## 5. Dimension Drawing:

