

## General Specifications

Motor Protection: Auto Restart/Polarity Protection  
Insulation Resistance: 10M Ohm or over with a DC500V Megger  
Dielectric Withstand Voltage: AC 700V 1st  
Allowable Ambient Temperature Range:  
-10 degree C ~ +70 degree C (Operating)  
-40 degree C ~ +70 degree C (Storage)  
(non-condensing environment)

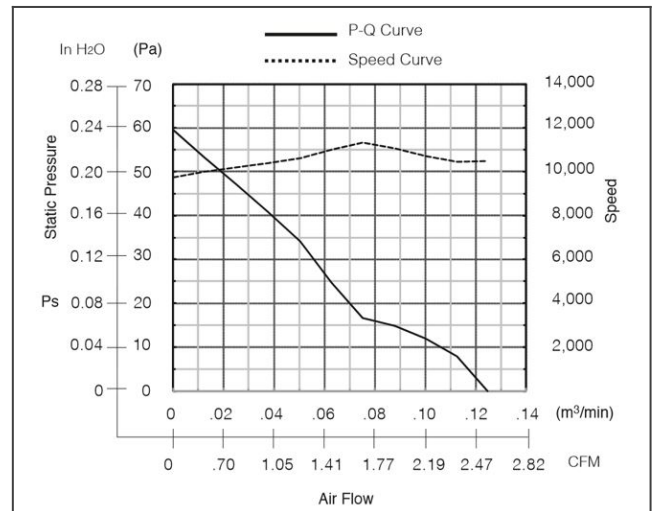
## Material

Casing: Plastic (Black) UL94V-0  
Impeller: Plastic (Black) UL94V-0  
Bearing: Sleeve Bearing  
Lead Wire: UL1061, AWG26, +Red, -Black

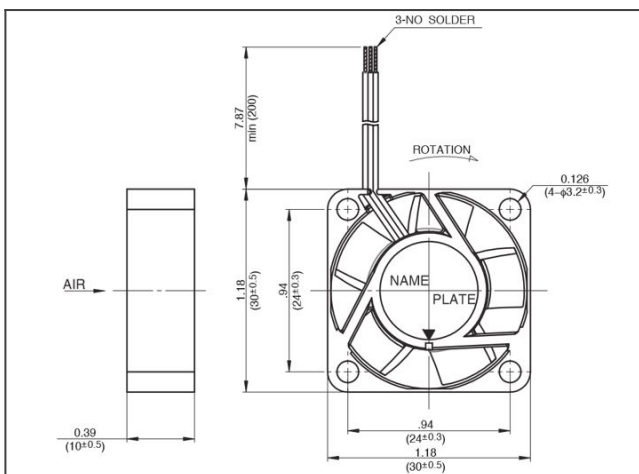
**order part 03010SS-05M-AT-00 Sleeve Bearing Fan DC Fans**



## 03010SS characteristics curve



## 03010SS product drawing



## Detailed Specifications

### DC Fans

|                                 |                                 |
|---------------------------------|---------------------------------|
| <b>Expected Life:</b>           | 40 degree C 30,000 Hours (L10)  |
| <b>DC Fan:</b>                  | Sleeve Bearing Fan              |
| <b>Nominal Voltage:</b>         | 5[V]                            |
| <b>Operating Voltage Lower:</b> | 4.5[V]                          |
| <b>Operating Voltage Upper:</b> | 5.5[V]                          |
| <b>Current:</b>                 | 0.16[A]                         |
| <b>Input Power:</b>             | 0.8[W]                          |
| <b>Speed:</b>                   | 9500[ $\text{min}^{-1}$ ]       |
| <b>Max. Air Flow:</b>           | 0.11[ $\text{m}^3/\text{min}$ ] |
| <b>Max. Air Flow:</b>           | 3.9[CFM]                        |
| <b>Max. Static Pressure:</b>    | 48[Pa]                          |
| <b>Max. Static Pressure:</b>    | 0.19[In H <sub>2</sub> O]       |
| <b>Noise:</b>                   | 26[dB]                          |
| <b>Mass:</b>                    | 8.5[g]                          |
| <b>Fan Size:</b>                | 30[mm]                          |
| <b>Fan Width:</b>               | 10[mm]                          |
| <b>Life Expectancy L10:</b>     | 40 degree C 30,000 Hours (L10)  |
| <b>Series:</b>                  | 03010SS                         |