

## BRUSHLESS DC FANS

# F310R

### FEATURES

- Low noise, 13 dB (A)
- Light weight (approx. 8 g)

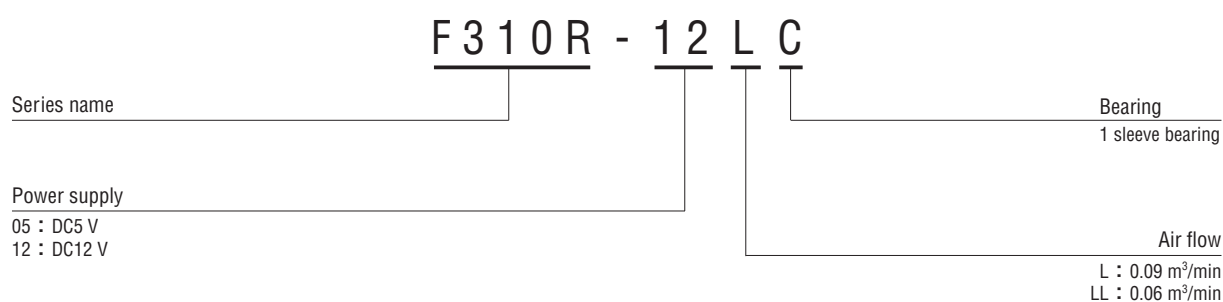
### STRUCTURE

- Frame and impeller  
ABS/PBT alloy
- Bearing  
1 sleeve bearing

RoHS compliant



### PART NUMBER DESIGNATION



### LIST OF PART NUMBERS

| Power supply | 1 sleeve bearing                  |                                   |
|--------------|-----------------------------------|-----------------------------------|
|              | Air flow 0.09 m <sup>3</sup> /min | Air flow 0.06 m <sup>3</sup> /min |
| DC5 V        | F310R-05LC                        | F310R-05LLC                       |
| DC12 V       | F310R-12LC                        | F310R-12LLC                       |

※ Verify the above part numbers when placing orders.

# F310R

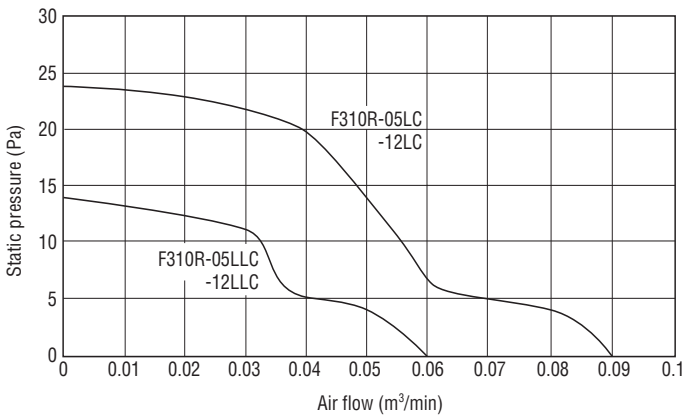
## BRUSHLESS DC FANS

### STANDARD SPECIFICATIONS

| Item                | F310R-05LLC                | F310R-05LC               | F310R-12LLC              | F310R-12LC               |
|---------------------|----------------------------|--------------------------|--------------------------|--------------------------|
| Rated voltage       | DC5 V                      |                          | DC12 V                   |                          |
| Voltage range       | 4.5 ~ 5.7 V                |                          | 10.2 ~ 13.8 V            |                          |
| Rated current       | 0.06 A                     | 0.09 A                   | 0.04 A                   | 0.05 A                   |
| Rotating speed      | 5500 min <sup>-1</sup>     | 7000 min <sup>-1</sup>   | 5500 min <sup>-1</sup>   | 7000 min <sup>-1</sup>   |
| Air flow            | 0.06 m <sup>3</sup> /min   | 0.09 m <sup>3</sup> /min | 0.06 m <sup>3</sup> /min | 0.09 m <sup>3</sup> /min |
| Static pressure     | 14 Pa                      | 23 Pa                    | 14 Pa                    | 23 Pa                    |
| Noise               | 13 dB (A)                  | 17 dB (A)                | 13 dB (A)                | 17 dB (A)                |
| Use environment     | -10 ~ +60 °C (35 ~ 85 %RH) |                          |                          |                          |
| Storage environment | -20 ~ +70 °C (35 ~ 85 %RH) |                          |                          |                          |
| Net weight          | Approx. 8 g                |                          |                          |                          |

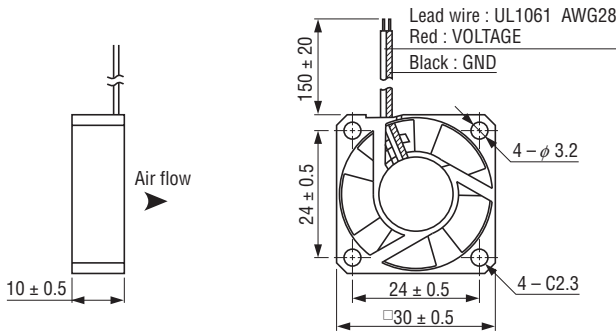
※ The specifications above are typical values measured on the conditions of no-loading running with rated voltage in the circumstances of 25 °C ± 2 °C, 35~ 85 %RH. Please contact us if you would liketo check the specifications in different circumstances.

### AIR FLOW PERFORMANCE CURVES



### OUTLINE DIMENSIONS

(Unit: mm)



Dimension of mounting hole for recommendation

