

## BRUSHLESS DC FANS

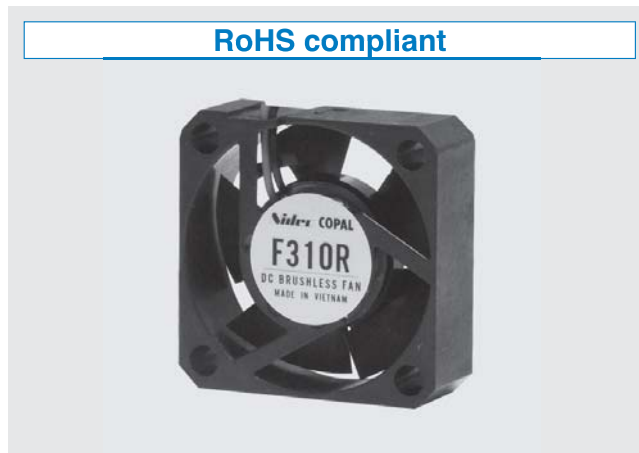
# F310R

### FEATURES

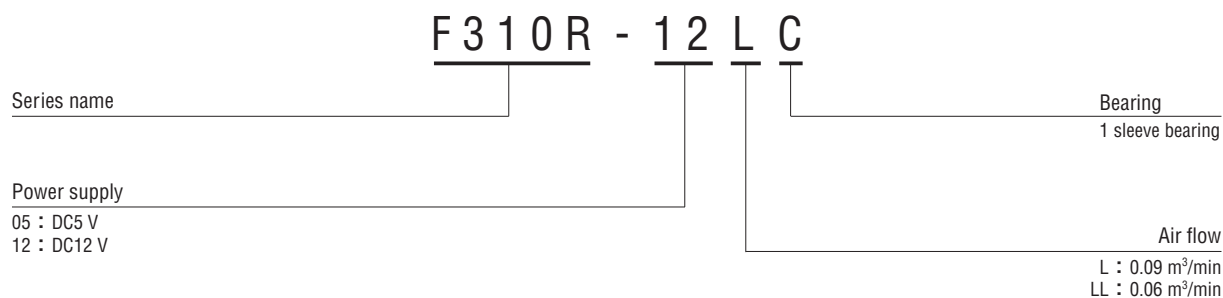
- Low noise, 13 dB (A)
- Light weight (approx. 8 g)

### STRUCTURE

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



### 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

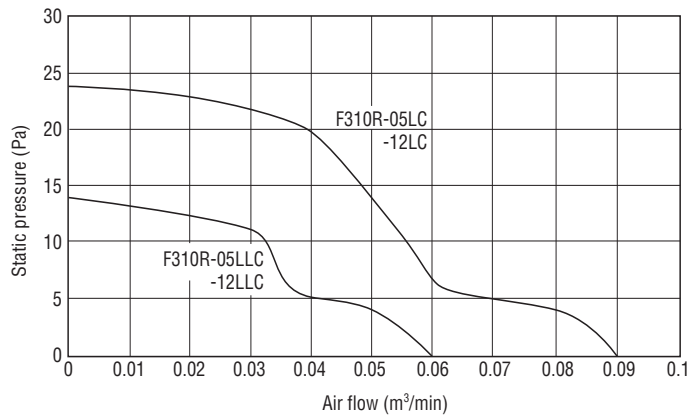
## BRUSHLESS DC FANS

### 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)

