

# BRUSHLESS DC FANS

# F251R

## FEATURES

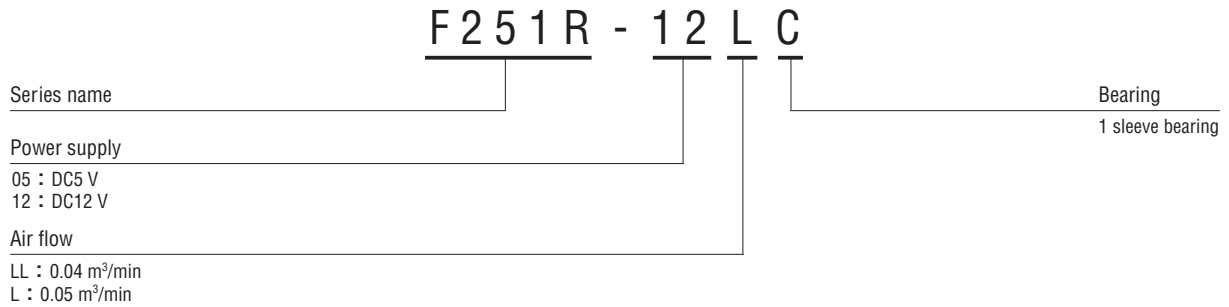
- Low noise, 11 dB (A) type by the correct application of hydrodynamic design of impeller and frame
- Light weight (approx. 7 g)

## STRUCTURE

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



## PART NUMBER DESIGNATION



## LIST OF PART NUMBERS

Power supply	Part number	Power supply	Part number
DC5 V	F251R-05LLC	DC12 V	F251R-12LLC
	F251R-05LC		F251R-12LC

※ Verify the above part numbers when placing orders.

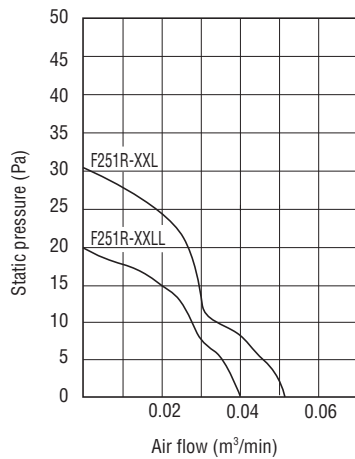
# F251R

## BRUSHLESS DC FANS

### STANDARD SPECIFICATIONS

Item	F251R-05LC	F251R-05LLC	F251R-12LC	F251R-12LLC
Rated voltage	DC5 V		DC12 V	
Voltage range	4.2 ~ 5.7 V		10.2 ~ 13.8 V	
Rated current	0.08 A	0.06 A	0.05 A	0.04 A
Rotating speed	8000 min <sup>-1</sup>	6500 min <sup>-1</sup>	8000 min <sup>-1</sup>	6500 min <sup>-1</sup>
Air flow	0.05 m <sup>3</sup> /min	0.04 m <sup>3</sup> /min	0.05 m <sup>3</sup> /min	0.04 m <sup>3</sup> /min
Static pressure	30 Pa	20 Pa	30 Pa	20 Pa
Noise	15 dB (A)	11 dB (A)	15 dB (A)	11 dB (A)
Use environment	-10 ~ +60 °C (35 ~ 85 %RH)			
Storage environment	-20 ~ +70 °C (35 ~ 85 %RH)			
Net weight	Approx. 7 g			

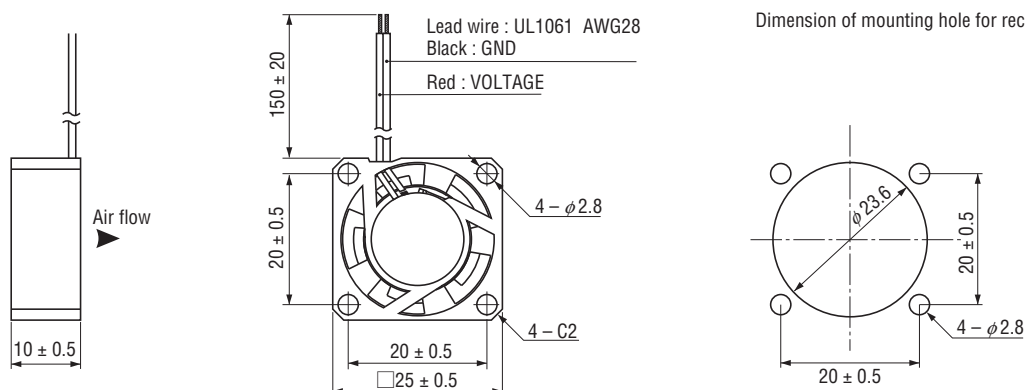
### AIR FLOW PERFORMANCE CURVES



※ 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.

### OUTLINE DIMENSIONS

(Unit: mm)



# Mouser Electronics

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