

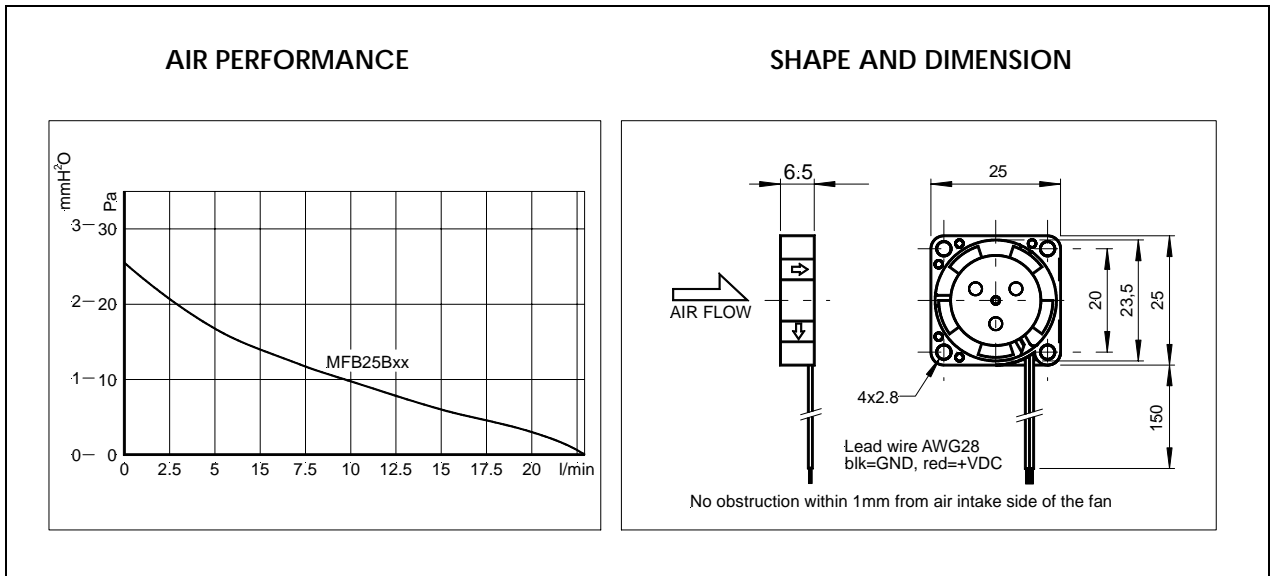
# SEPA<sup>®</sup> BRUSHLESS FAN

MFB25B05, MFB25B12



**HIGH RELIABILITY FAN**

**AUTOMOTIVE FAN**



## PERFORMANCE

		MFB25B05	MFB25B12 Conform to RoHS-standard
Operating Voltage	[V]	4.5 ... 5 ... 5.5	9.0 ... 12 ... 13.8
Operating Current	[mA]	60	30
Max. Start Current	[mA]	100	50
Max. Air Flow	[l/min - m <sup>3</sup> /h]	23 - 1.38	
Max. Air Pressure	[mmH <sub>2</sub> O - Pa]	2.6 - 25.5	
Typ. Noise @ 1m	[dB(A)]	17	
Operating Temperature	[°C]	-40 / +80 (85)	
Rotor Speed	[RPM]	10000	
Life Expectancy L <sub>10</sub> /MTBF	[h]	95000/280000 @ 20°C	
Bearing System		ball bearing ZZ	
Weight	[g]	5	
Packing Quantity	[PCs]	50 - 100 - 500 - 1000	

This **SEPA<sup>®</sup>** high-tech miniature fan is suitable for industrial or automotive use and has a remarkable air flow performance despite its small height of 6.5mm only. Thanks to the extremely low power input 0.3 W, this fan is highly suitable for battery-operated devices. It is permanently protected electrically against reverse polarity, blocking and thermal overloading. Due to the low rotor weight and precision balancing, it is virtually vibration-free. It is also insensitive to shock.

Further features of this fan are its extremely robust and torsionally rigid plastic housing of PBT (UL E54695), ball bearing with narrow tolerances, of special steel, polyester-based PCB (UL E44247) and absolute reliability due to 100% burn-in.