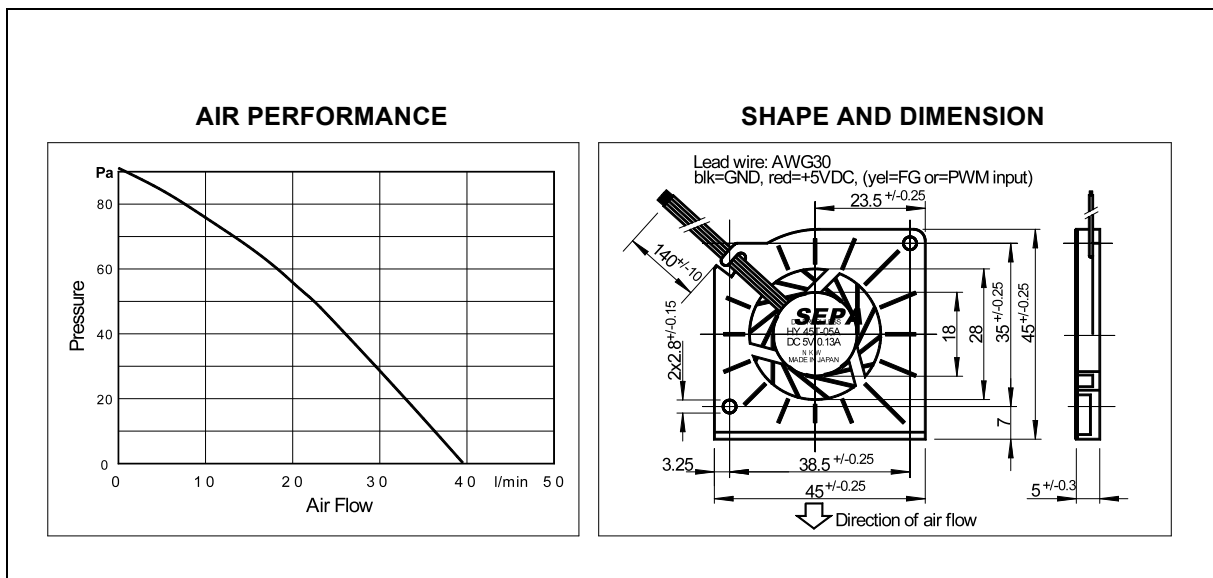


HY_45T05AP

HIGH PERFORMANCE FAN



PERFORMANCE

| CE | HY_45T05AP | |
|---------------------------------------|-----------------------------|--------------------------------|
| Operating Voltage | [V] | 4.5 ... 5.0 ... 5.5 |
| Typ. Operating Current | [mA] | 150 |
| Max. Start Current | [mA] | 250 |
| Max. Air Flow | [l/min - m ³ /h] | 38 – 2.28 |
| Max. Air Pressure | [mmH ₂ O Pa] | 9.6 – 94 |
| Typ. Noise @ 1m | [dB(A)] | 27 |
| Typ. Rotor Speed | [RPM] | 5200 |
| FG Output | [Imp./rev.] | 2 |
| PWM signal (frequency, duty cycle) | [VDC] | 0.7 ... 2.5 (23KHz, 30...100%) |
| Operating Temperature | [°C] | -10 ... +70 |
| Life Expectancy L ₁₀ /MTBF | [h] | 75000/2250000 @20°C |
| Bearing System | | Sleeve bearing |
| Weight | [g] | 9 |
| Packing Quantity | [Pcs] | 50-500 |

This **SEPA**[®] high-tech miniature fan is suitable for industrial or automotive use and has a remarkable air flow performance despite its small dimensions. Thanks to the very low power input, 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 stiff housing of PBT (UL E54695) with metal base, sleeve bearing with narrow tolerances, polyester-based PCB (UL E44247) and absolute reliability due to a 100% burn-in.

Technical changes without notice • 02/15