



## ***NEW PRODUCT SPEC SHEET***

### **Application:**

- Recommend for AMD Processor, Socket AM4
- Active Cooler For 1U Server

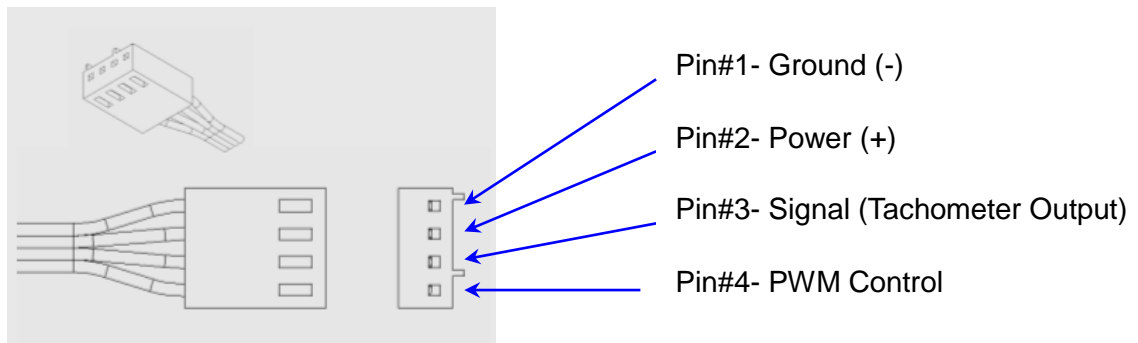
### **Overall Specification:**

- Dimension: 106 x 76 x 27.5mm
- Weight: 450g  $\pm$  5g
- Material: Copper 1100 with Skived Fins
- Fin Direction Parallel to System Airflow
- Alloy Frame Blower with PWM Function
- Convenient Heat Sink Captive Mounting
- Shin-Etsu 7762 Thermal Grease Pre-Printed
- Backing Plate is included
- Support CPU Power up to 95Watts

### **Blower Specification:**

- Model Number: DB127015BU - PWM
- Dimension: 70 x 70 x 15 mm
- Bearing Type : Ball, Double
- Rated Voltage: 12V
- Rated Speed:
  - At Duty Cycle 0~20% : 1100  $\pm$  200 RPM
  - At Duty Cycle 50% : 2600  $\pm$  10% RPM
  - At Duty Cycle 100% : 6000  $\pm$  10% RPM
- Rated Input Power:
  - At Duty Cycle 0~20% : 0.6 W
  - At Duty Cycle 50% : 1.2 W
  - At Duty Cycle 100% : 8.8 W

- Rated Airflow:
  - At Duty Cycle 0~20% : 2.5 CFM
  - At Duty Cycle 50% : 5.8 CFM
  - At Duty Cycle 100% : 14.3 CFM
- Rated Static Pressure:
  - At Duty Cycle 0~20% : 1.25 mm-H<sub>2</sub>O
  - At Duty Cycle 50% : 7.0 mm-H<sub>2</sub>O
  - At Duty Cycle 100% : 50.46 mm-H<sub>2</sub>O
- Rated Acoustical Noise:
  - At Duty Cycle 0~20% : 19.1 dBA
  - At Duty Cycle 50% : 34.2 dBA
  - At Duty Cycle 100% : 53.8 dBA
- Lead Wire Pin Out Diagram :



### Active Cooler A18 Cooling Performance VS. Airflow & Acoustical Level:

