

Application :

- Recommend for Intel® Xeon® Platinum / Gold Family Processor (Products formerly Skylake), Socket FCLGA3647
- **For Square ILM Only**
- Active Cooler for 2U Server and up

Overall Specification :

- Dimension: 90 x 90 x 66 mm
- Weight: 430g
- Material : Aluminum Heatsink with Heatpipe Embedded
- 6025 Axial PWM Fan for Heat Exhausting
- Convenient Heat Sink Screw captive mounting
- Thermal Grease Shin-Etsu 7762 Pre-printed
- Support CPU power up to 205 Watts heat dissipation
- Includes Package Carrier for Process Installation

Fan Specification:

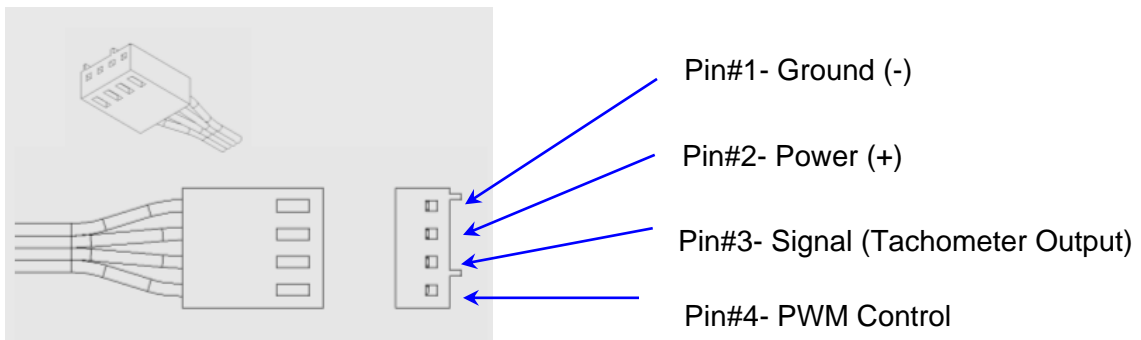
- Model Number: DF126025BM-PWM
- Dimension: 60 x 60 x 25 mm
- Bearing: Ball Type, Double
- Rated Voltage: 12V
- Rated Speed:
 - At Duty Cycle 0~20%: 1400 ± 200 RPM
 - At Duty Cycle 50%: 3400 ± 10% RPM
 - At Duty Cycle 100%: 7000 ± 10% RPM
- Rated Input Power:
 - At Duty Cycle 0~20%: 0.90 W
 - At Duty Cycle 50%: 2.04 W
 - At Duty Cycle 100%: 5.40 W
- Rated Airflow:
 - At Duty Cycle 0~20%: 8.12 CFM
 - At Duty Cycle 50%: 20.31 CFM
 - At Duty Cycle 100%: 40.60 CFM

- Rated Static Pressure:
 - At Duty Cycle 0~20%: 0.58 mm-H₂O
 - At Duty Cycle 50%: 3.65 mm-H₂O
 - At Duty Cycle 100%: 14.58 mm-H₂O

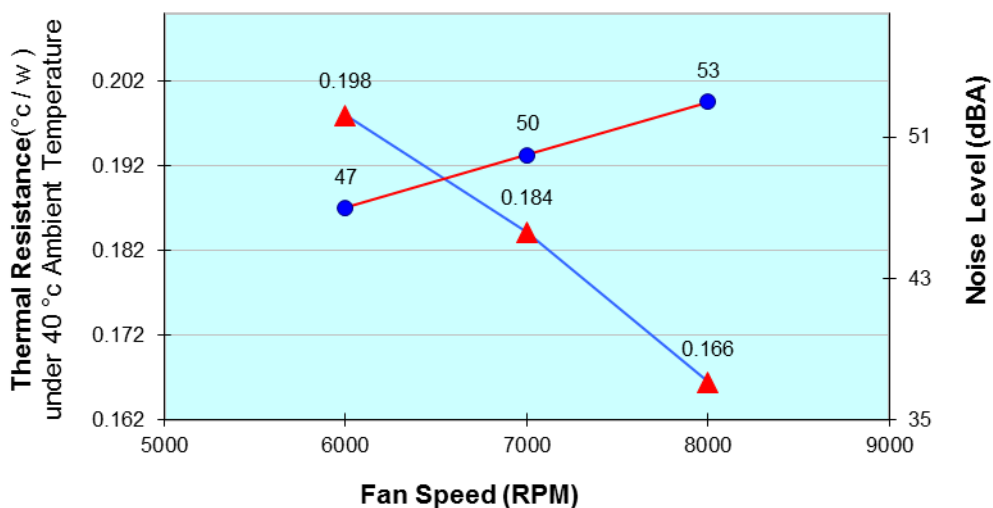
- Rated Acoustical Noise:
 - At Duty Cycle 0~20%: 16 dBA
 - At Duty Cycle 50%: 35 dBA
 - At Duty Cycle 100%: 50 dBA

- Lead Wire Pin Out:
 - Pin#1-Black(-)
 - Pin#2- Yellow(+)
 - Pin#3- Green(Tachometer/ Signal Output)
 - Pin#4- Blue (PWM)

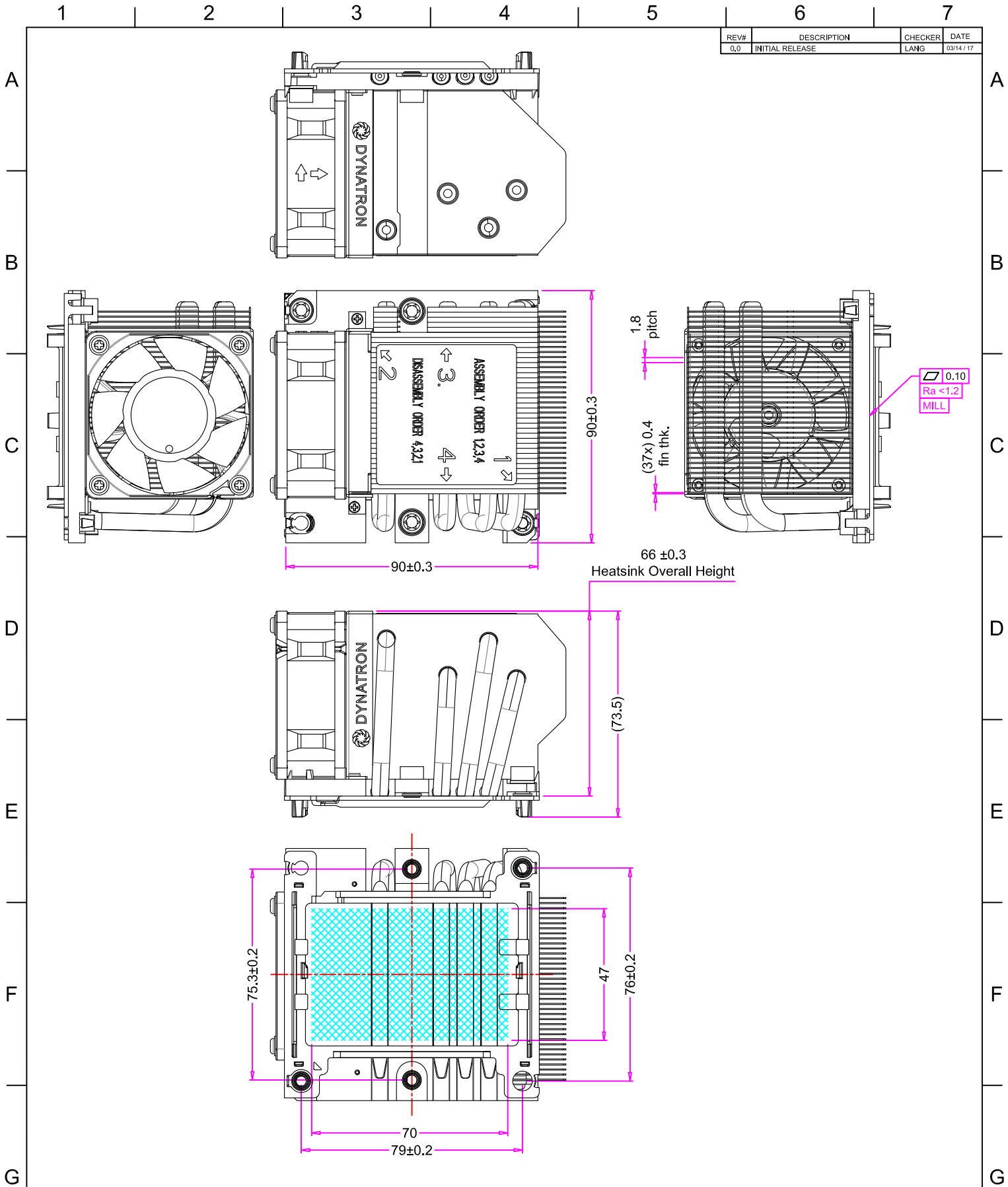
- Lead Wire Pin Out Diagram :




Active Cooler B13 Thermal Performance Curve :



REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	LANG	03/14/17



	NAME	DATE
DRAWN BY	ENGR	03/14/2017
CHECKED BY	LANG	03/14/2017
ENG. APPROVED		
MFG. APPROVED	-	-



DYNATRON CORPORATION

TOP MOTOR

TITLE: 2U Active Cooler **B13**
Overall Dimension Drawing

CONFIDENTIAL DOCUMENT

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