



# DYNATRON CORPORATION

## NEW PRODUCT SPEC SHEET

### Part Number: F559

- AMD Second-Generation Opteron, Socket F 1207, 3.5" Mounting Pitch
- Active Cooler For Server 2U and up
- Fan Blow Down Cooling
- RoHS Compliant

### Overall Specification:

- Dimension: 100.0mm x 77.2mm x 63.0mm
- Weight: 425 ± 10g
- Material: Copper Base, Aluminum Fins with Heatpipes embedded
- Support up to 125 Watts

### Fan Specification:

- Dimension: 77mm x 77mm x 20mm
- Rated Speed:
  - At Duty Cycle 0%: 1000± 10%RPM
  - At Duty Cycle 20%: 1000± 10%RPM
  - At Duty Cycle 100%: 4500± 10%RPM
- Bearing: 2X Ball
- Rated Voltage: 12V
- Input Power:
  - At Duty Cycle 0%: 0.54W
  - At Duty Cycle 20%: 0.54W
  - At Duty Cycle 100%: 6.0W
- Maximum Airflow:
  - At Duty Cycle 0%: 8.36 cfm
  - At Duty Cycle 20%: 8.36 cfm
  - At Duty Cycle 100%: 45.56 cfm
- Acoustical Noise:
  - At Duty Cycle 0%: 20.6 dBA
  - At Duty Cycle 20%: 20.6 dBA
  - At Duty Cycle 100%: 45.8 dBA

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