

## Application: (Intel Core i5)

Intel LGA1156 Nehalem(45nm 95W) / Westmere (32nm 87W) CPU Lynnfield & Clarkdale sequence (Low Profile M/B mounting hole pitch 75x 75mm)

## Picture:



## Thermal & Mechanical Spec.:

Thermal performance for 95W & 87W CPU  
 HSK Assembly Weight: 252 g (ref.)  
 Clipping Force: 16 Kgf (ref.)

## Component Specification:

- Heat Sink  
 Type: Thermal Shrink with Cu Core  
 Material: Aluminum A6063 & Copper C1100 or Equivalent.  
 Dimension: 90\*90\*19.05 mm
- Thermal interface material  
 Material: Dow Corning TC-1996 or Equivalent.
- Fan

*(90x90x25 mm with Thermistor & PWM Control)*

Rated Voltage: 12 V

Life Time:

Superflo bearing 50000 hrs

Connector:

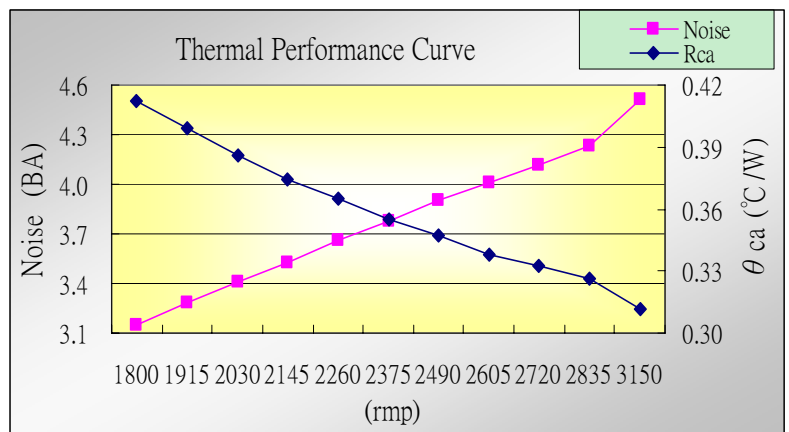
- Lead wire: UL 1430 AWG#26  
 pin 1: black wire-----(-)  
 pin 2: yellow wire-----(+)  
 pin 3: green wire----- (F00)  
 pin 4: blue wire----- (PWM)

b. Housing: Molex 47054-1000 or equivalent

c. Terminal: Molex 2759T 08-50-0113 or equivalent

\* All readings are typical values at rated voltage.

\* Specifications are subject to change without notice



## Application: (Intel Core i3)

Intel LGA1156 Nehalem(45nm 82W) / Westmere (32nm73W) CPU Lynnfield & Clarkdale sequence (Low Profile M/B mounting hole pitch 75x 75mm)

## Picture:



## Thermal & Mechanical Spec.:

Thermal performance for 82W & 73W CPU  
 HSK Assembly Weight: 205 g (ref.)  
 Clipping Force: 16 Kgf (ref.)

## Component Specification:

### 1. Heat Sink

Type: Extruded HSK  
 Material: Aluminum A6063 or Equivalent.  
 Dimension: 90\*90\*19.05 mm

### 2. Thermal interface material

Material: Dow Corning TC-1996 or Equivalent.

### 3. Fan

*(90x90x25 mm with Thermistor & PWM Control)*

Rated Voltage: 12 V

Life Time:

Superflo bearing 50000 hrs

Connector:

a. Lead wire: UL 1430 AWG#26

pin 1: black wire-----(-)

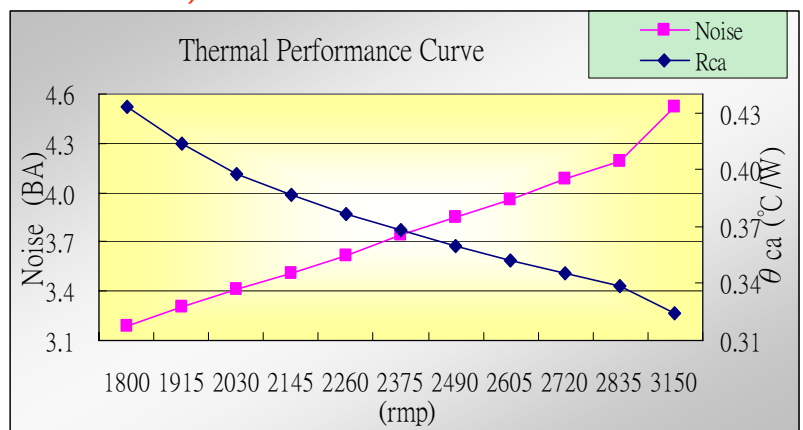
pin 2: yellow wire-----(+)

pin 3: green wire----- (F00)

pin 4: blue wire----- (PWM)

b. Housing: Molex 47054-1000 or equivalent

c. Terminal: Molex 2759T 08-50-0113 or equivalent



\* All readings are typical values at rated voltage.

\* Specifications are subject to change without notice

