



## MODEL: HSS-B20-NP-06 | DESCRIPTION: HEAT SINK

### FEATURES

- TO-220 package
- round hole for component attachment
- low profile design
- black anodized finish



### MODEL

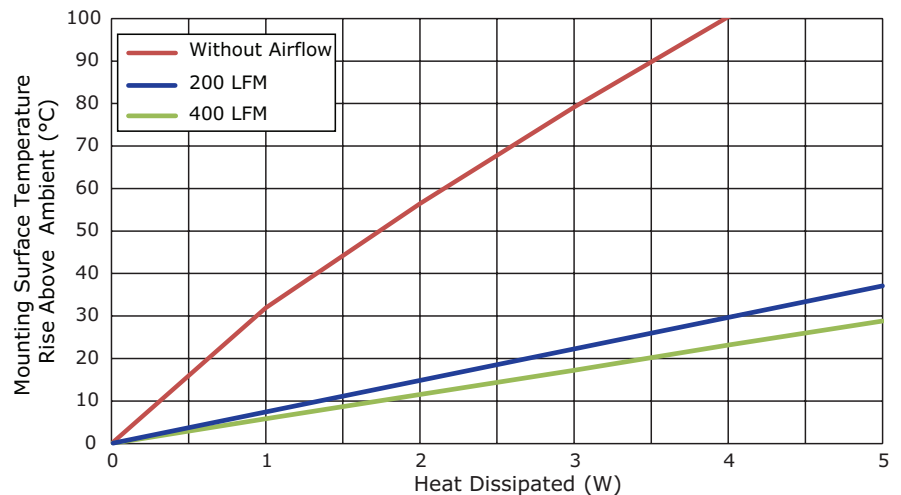
|               | thermal resistance <sup>1</sup>  |                              |                             |                             | power dissipation <sup>1</sup> |
|---------------|----------------------------------|------------------------------|-----------------------------|-----------------------------|--------------------------------|
|               | @ 75°C ΔT,<br>nat conv<br>(°C/W) | @ 1 W,<br>nat conv<br>(°C/W) | @ 1 W,<br>200 LFM<br>(°C/W) | @ 1 W,<br>400 LFM<br>(°C/W) | @ 75°C ΔT,<br>nat conv<br>(W)  |
| HSS-B20-NP-06 | 26.32                            | 31.94                        | 7.51                        | 5.84                        | 2.85                           |

Note: 1. See performance curves for full thermal resistance details.

### PERFORMANCE CURVES

| Power (W) | Heatsink Temperature Rise Above Ambient (ΔT = T <sub>hs</sub> - T <sub>a</sub> ) (°C) |         |         |
|-----------|---------------------------------------------------------------------------------------|---------|---------|
|           | Natural Conv.                                                                         | 200 LFM | 400 LFM |
| 0         | 0                                                                                     | 0       | 0       |
| 1         | 31.94                                                                                 | 7.51    | 5.84    |
| 2         | 56.44                                                                                 | 14.85   | 11.53   |
| 3         | 79.15                                                                                 | 22.50   | 17.26   |
| 4         | 100.39                                                                                | 30.12   | 23.17   |
| 5         | 116.77                                                                                | 37.08   | 28.81   |

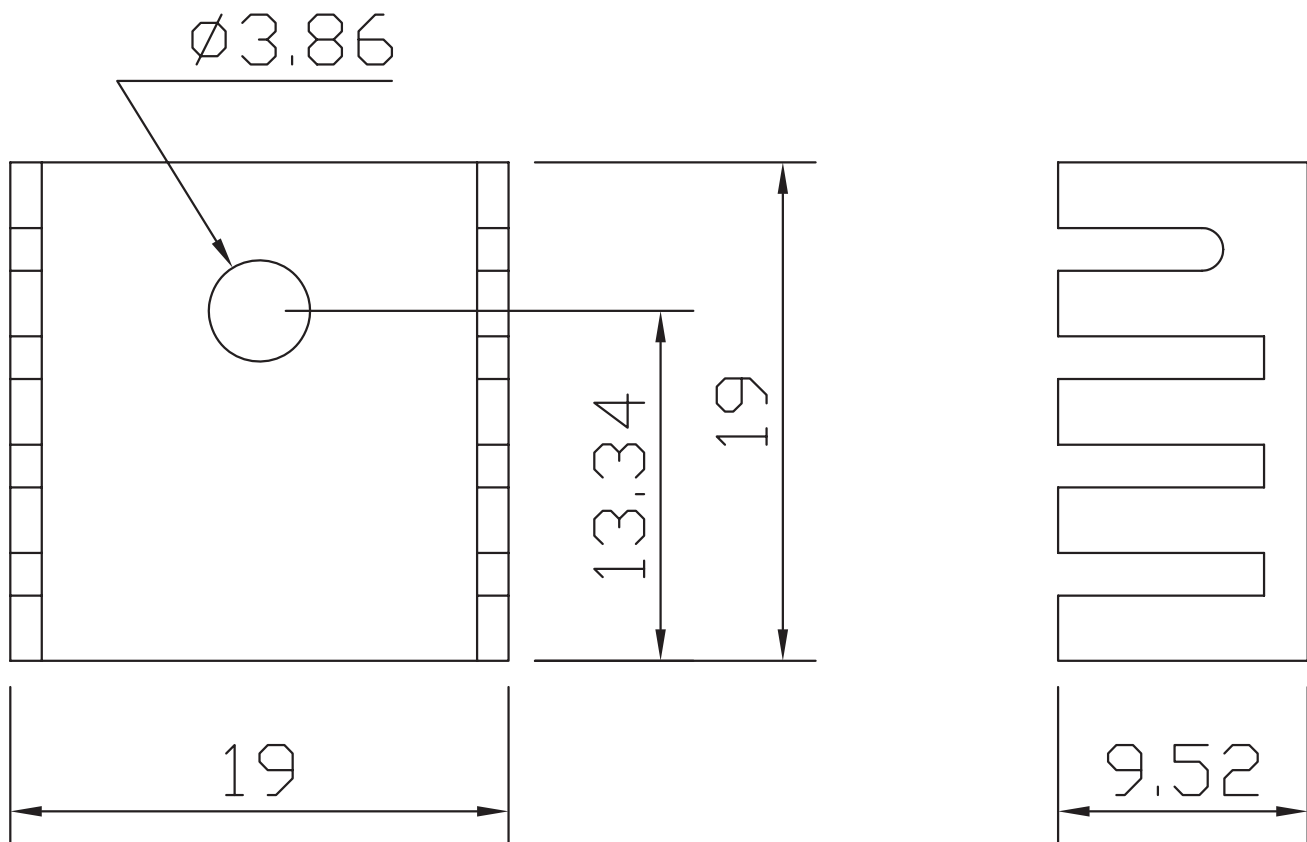
T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
T<sub>a</sub>: ambient temperature



## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm

|           |                |
|-----------|----------------|
| MATERIAL  | AL1050         |
| FINISH    | black anodized |
| THICKNESS | 1.2 mm         |
| WEIGHT    | 1.7 g          |



## REVISION HISTORY

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| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 03/29/2017 |

The revision history provided is for informational purposes only and is believed to be accurate.

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