

MODEL: HSS-B20-CP-01 | DESCRIPTION: HEAT SINK

FEATURES

- TO-220 package
- with clip for easy component attachment
- low profile design
- black anodized finish



MODEL

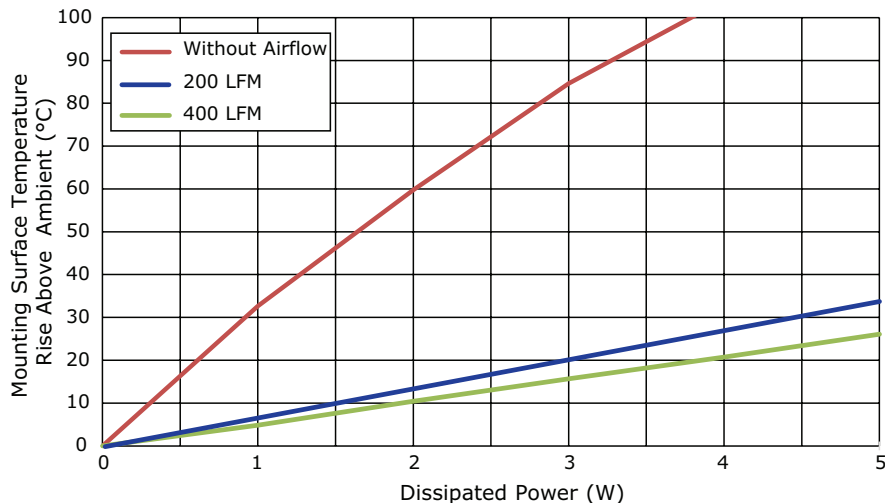
| MODEL | thermal resistance ¹ | | | | power dissipation ¹ |
|---------------|---------------------------------|------------------------|-----------------------|-----------------------|--------------------------------|
| | @ 75°C ΔT, nat conv (°C/W) | @ 1 W, nat conv (°C/W) | @ 1 W, 200 LFM (°C/W) | @ 1 W, 400 LFM (°C/W) | @ 75°C ΔT, nat conv (W) |
| HSS-B20-CP-01 | 28.85 | 32.65 | 6.32 | 4.85 | 2.60 |

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

PERFORMANCE CURVES

| Power (W) | Heatsink Temperature Rise Above Ambient (ΔT = T _{hs} - T _a) (°C) | | |
|-----------|---|---------|---------|
| | Natural Conv. | 200 LFM | 400 LFM |
| 0 | 0 | 0 | 0 |
| 1 | 32.65 | 6.32 | 4.85 |
| 2 | 59.76 | 12.95 | 10.42 |
| 3 | 84.63 | 19.75 | 15.69 |
| 4 | 104.13 | 26.62 | 20.71 |
| 5 | 122.18 | 33.69 | 26.11 |

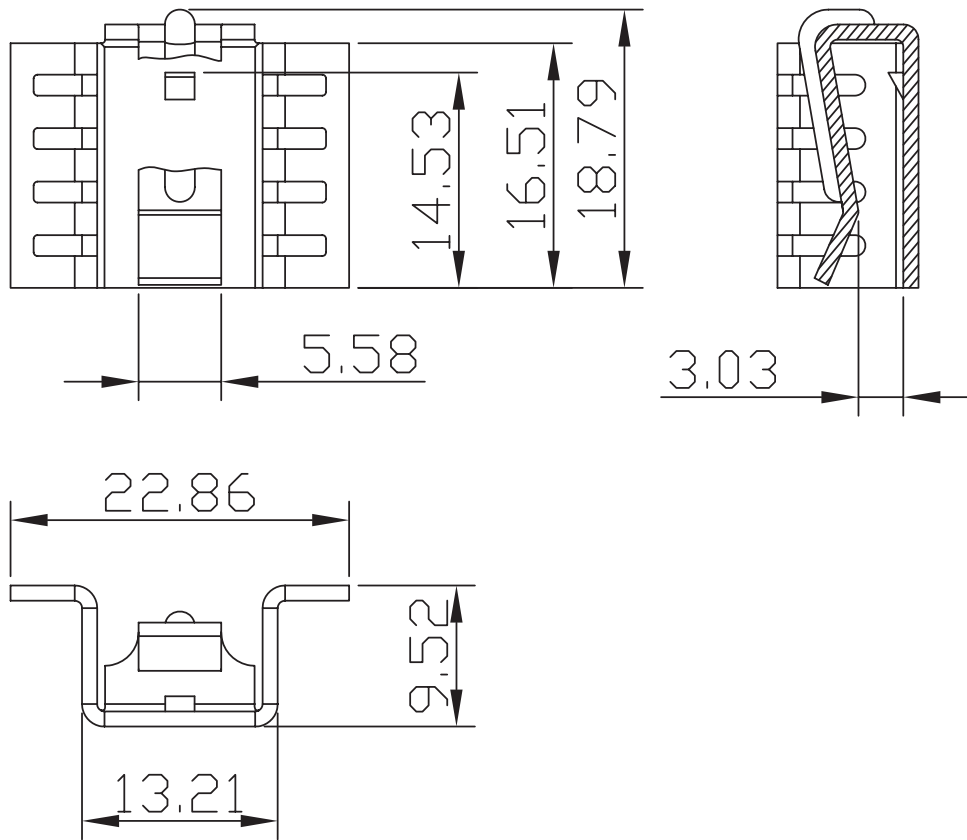
T_{hs}: "hot spot" temperature measured on the heatsink
 T_a: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm

| | |
|-----------|----------------|
| MATERIAL | AL1050 |
| FINISH | black anodized |
| THICKNESS | 1.0 mm |
| WEIGHT | 1.9 g |



REVISION HISTORY

| rev. | description | date |
|------|-----------------|------------|
| 1.0 | initial release | 03/29/2017 |
| 1.01 | brand update | 02/13/2020 |

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

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