

MODEL: HSS26-B20-P38 | **DESCRIPTION:** HEAT SINK**FEATURES**

- TO-220 or TO-218 package
- solder pin
- aluminum alloy

**MODEL**

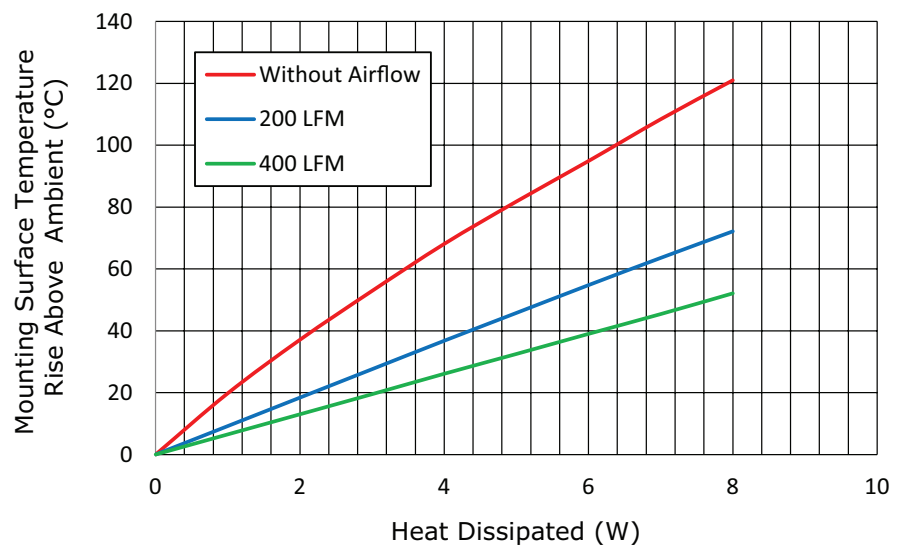
| | thermal resistance ¹ | | | | power dissipation ¹ |
|---------------|---------------------------------|------------------------|-----------------------|-----------------------|--------------------------------|
| | @ 75°C ΔT, nat conv [°C/W] | @ 1 W, nat conv [°C/W] | @ 1 W, 200 LFM [°C/W] | @ 1 W, 400 LFM [°C/W] | @ 75°C ΔT, nat conv [W] |
| HSS26-B20-P38 | 16.66 | 19.8 | 9.2 | 6.5 | 4.50 |

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 | 19.8 | 9.2 | 6.5 |
| 2 | 37.1 | 18.4 | 13.0 |
| 3 | 52.9 | 27.6 | 19.5 |
| 4 | 68.1 | 36.8 | 26.1 |
| 5 | 81.8 | 45.8 | 32.5 |
| 6 | 94.9 | 54.8 | 39.0 |
| 7 | 108.4 | 63.6 | 45.4 |
| 8 | 121.0 | 72.2 | 52.1 |

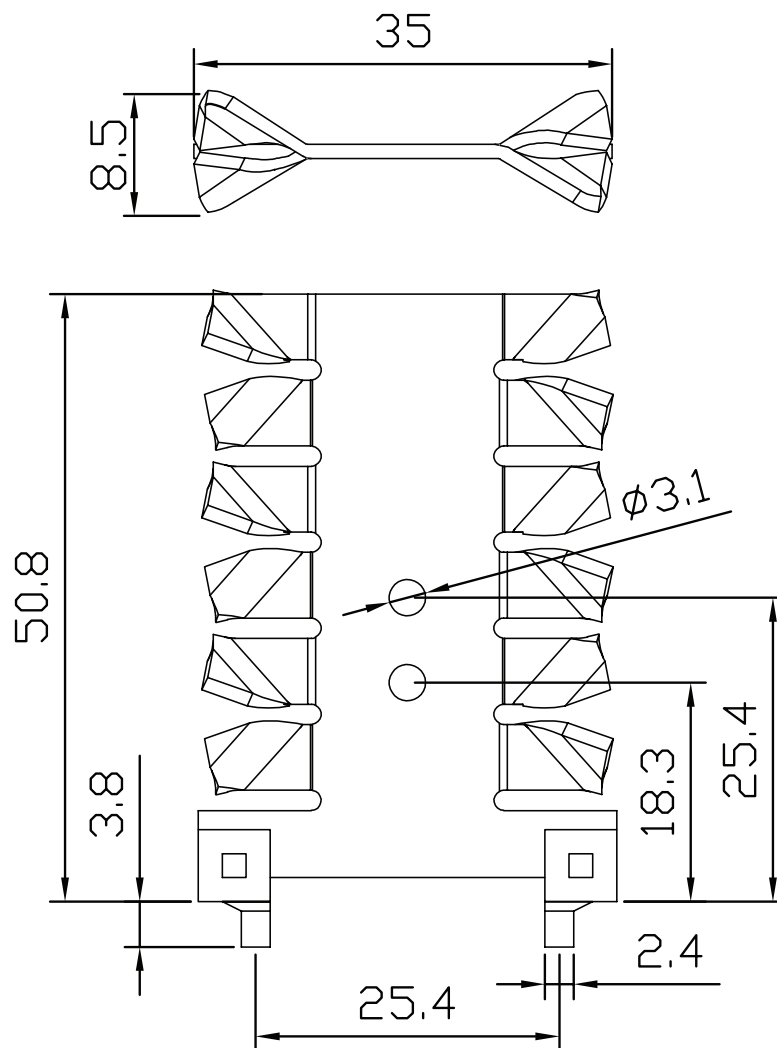
T_{hs}: "hot spot" temperature measured on the heatsink
T_a: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm

| | |
|--------------|----------------|
| MATERIAL | AL 1050 |
| FINISH | black anodized |
| THICKNESS | 1.2 mm |
| PIN MATERIAL | brass |
| PIN PLATING | tin |
| WEIGHT | 6.2 g |



REVISION HISTORY

| rev. | description | date |
|------|------------------------------|------------|
| 1.0 | initial release | 04/20/2022 |
| 1.01 | logo, datasheet style update | 08/05/2022 |

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



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