

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

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

**MODEL**

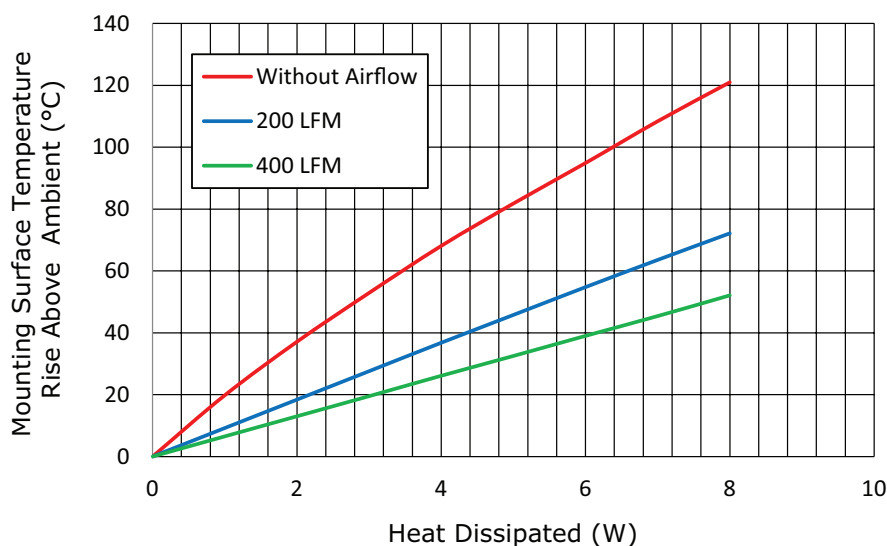
| | thermal resistance ¹ | | | | power dissipation ¹ @ 75°C ΔT, nat conv (W) |
|---------------|----------------------------------|------------------------------|-----------------------------|-----------------------------|---|
| | @ 75°C ΔT, nat conv (°C/W) | @ 1 W, nat conv (°C/W) | @ 1 W, 200 LFM (°C/W) | @ 1 W, 400 LFM (°C/W) | |
| 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 ($\Delta T = T_{hs} - T_a$) (°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 |

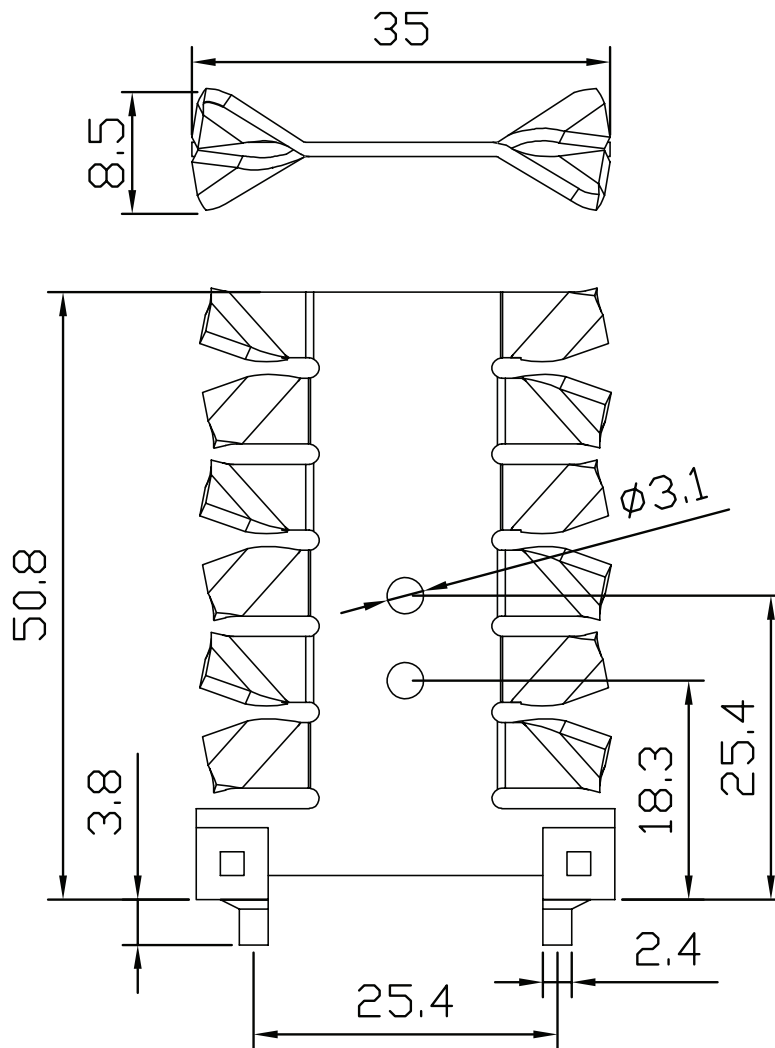
T_{hs} : "hot spot" temperature measured on the heatsink
 T_a : ambient temperature



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 |

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

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