



MODEL: HSS-B20-061H-03 | **DESCRIPTION:** HEAT SINK

FEATURES

- TO-220 package
- solder pin for secure PCB mounting
- black anodized finish
- aluminum



MODEL

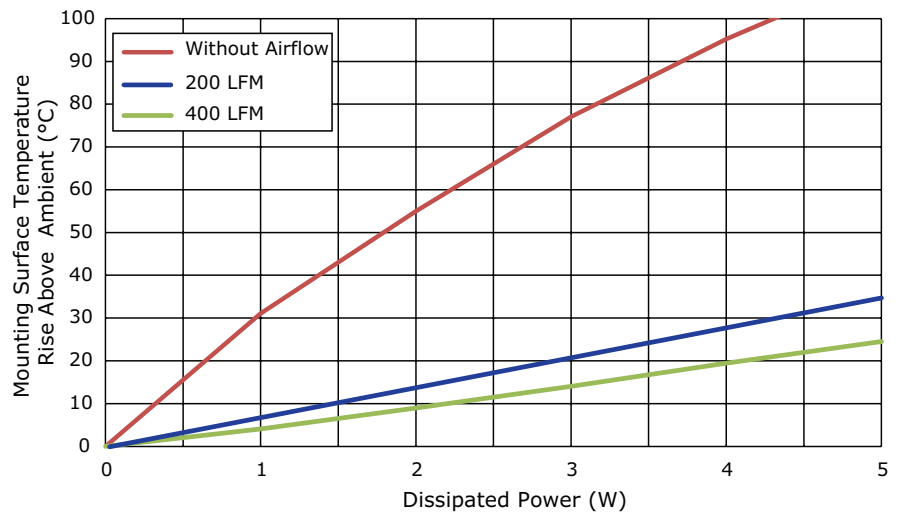
| | thermal resistance ¹ | | | | power dissipation ¹ @ 75°C ΔT, nat conv (W) |
|-----------------|----------------------------------|------------------------------|-----------------------------|-----------------------------|---|
| | @ 75°C ΔT, nat conv (°C/W) | @ 1 W, nat conv (°C/W) | @ 1 W, 200 LFM (°C/W) | @ 1 W, 400 LFM (°C/W) | |
| HSS-B20-061H-03 | 25.86 | 31.07 | 5.72 | 4.10 | 2.90 |

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

PERFORMANCE CURVES

| Power (W) | Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) (°C) | | |
|-----------|--|---------|---------|
| | Natural Conv. | 200 LFM | 400 LFM |
| 0 | 0 | 0 | 0 |
| 1 | 31.07 | 5.72 | 4.10 |
| 2 | 54.97 | 12.61 | 8.99 |
| 3 | 77.04 | 19.56 | 14.04 |
| 4 | 95.24 | 27.21 | 19.43 |
| 5 | 110.74 | 34.70 | 24.50 |

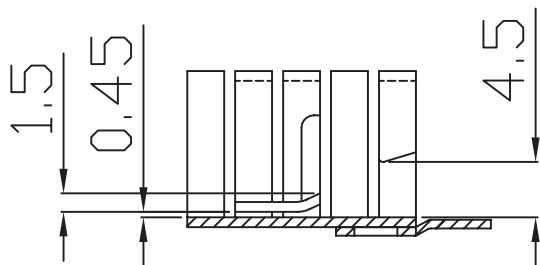
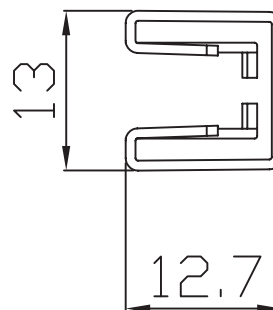
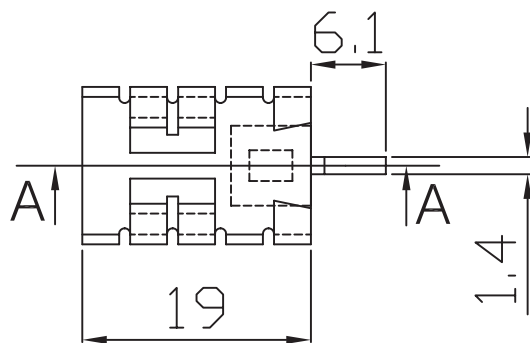
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm

| | |
|--------------|----------------|
| MATERIAL | AL5052 |
| FINISH | black anodized |
| THICKNESS | 0.8 mm |
| PIN MATERIAL | brass |
| PIN PLATING | tin |
| WEIGHT | 1.8 g |



SECTION A-A

REVISION HISTORY

| 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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