

date 03/01/2024

page 1 of 3

MODEL: HSB36-353510 | DESCRIPTION: HEAT SINK

FEATURES

- BGA design
- low profile
- aluminum alloy
- black anodized finish





thermal resistance1 power **MODEL** dissipation¹ @ 75°C ∆T, nat @ 1 W, @ 1 W, @ 1 W, @ 75°C ∆T, nat 400 LFM conv (°C/W) 200 LFM nat conv conv (°C/W) (°C/W) (°C/W) (W) 12.72 15.0 4.3 3.0 HSB36-353510 5.90

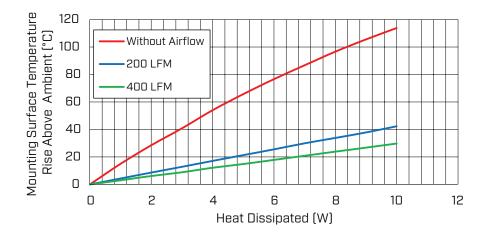
Note:

1. See performance curves for full thermal resistance details.

PERFORMANCE CURVES

| | Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) (°C) | | |
|--------------|---|---------|---------|
| Power (W) | Natural Conv. | 200 LFM | 400 LFM |
| 0 | 0 | 0 | 0 |
| 1 | 15.0 | 4.3 | 3.0 |
| 2 | 28.5 | 8.6 | 6.1 |
| 3 | 40.8 | 12.8 | 8.8 |
| 4 | 54.0 | 17.1 | 12.1 |
| 5 | 65.7 | 21.3 | 14.8 |
| 6 | 76.6 | 25.5 | 17.8 |
| 7 | 86.7 | 29.9 | 20.8 |
| 8 | 96.6 | 33.8 | 23.8 |
| 9 | 105.5 | 37.8 | 26.7 |
| 10 | 113.8 | 42.3 | 29.7 |



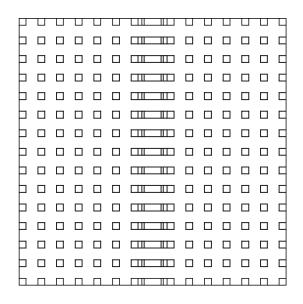


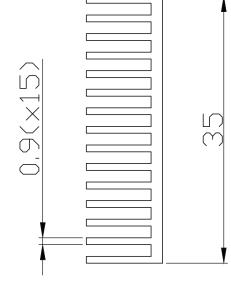
MECHANICAL DRAWING

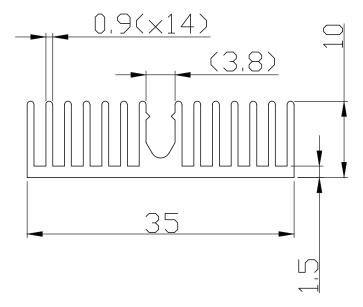
units: mm

tolerance: ±0.50 mm

| MATERIAL | AL 6063-T5 |
|----------|----------------|
| FINISH | black anodized |
| WEIGHT | 11 g |







Additional Resources: Product Page

CUI DEVICES | MODEL: HSB36-353510 | DESCRIPTION: HEAT SINK

date 03/01/2024 | **page** 3 of 3

REVISION HISTORY

| rev. | description | date |
|------|-----------------|------------|
| 1.0 | initial release | 03/01/2024 |

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



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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