



MODEL: HSB01-080808 | DESCRIPTION: HEAT SINK

FEATURES

- BGA design
- small footprint
- aluminum alloy
- black anodized finish



MODEL

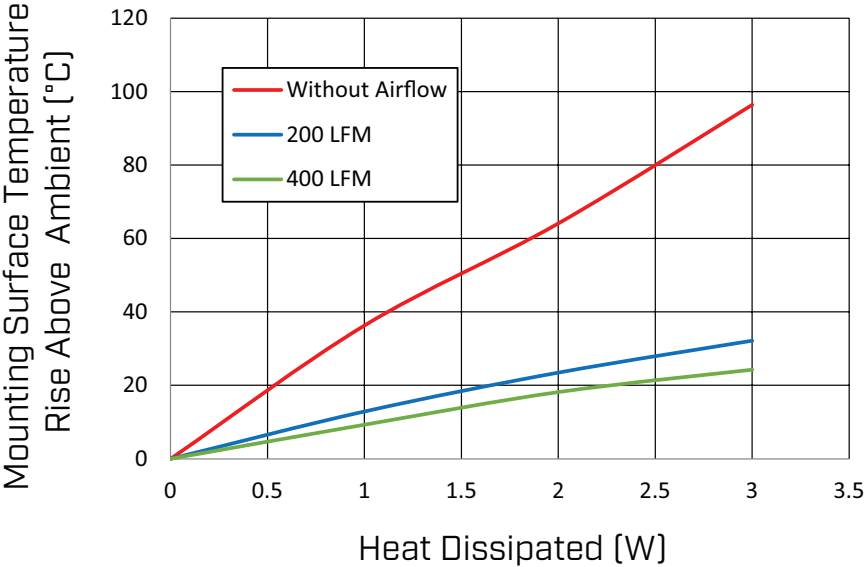
	thermal resistance ¹				power dissipation ¹
	@ 75°C ΔT, nat conv [°C/W]	@ 1 W, nat conv [°C/W]	@ 1 W, 200 LFM [°C/W]	@ 1 W, 400 LFM [°C/W]	@ 75°C ΔT, nat conv [W]
HSB01-080808	32.60	36.3	12.90	9.30	2.30

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	36.3	12.9	9.3
2	64.1	23.5	18.2
3	96.4	32.2	24.3

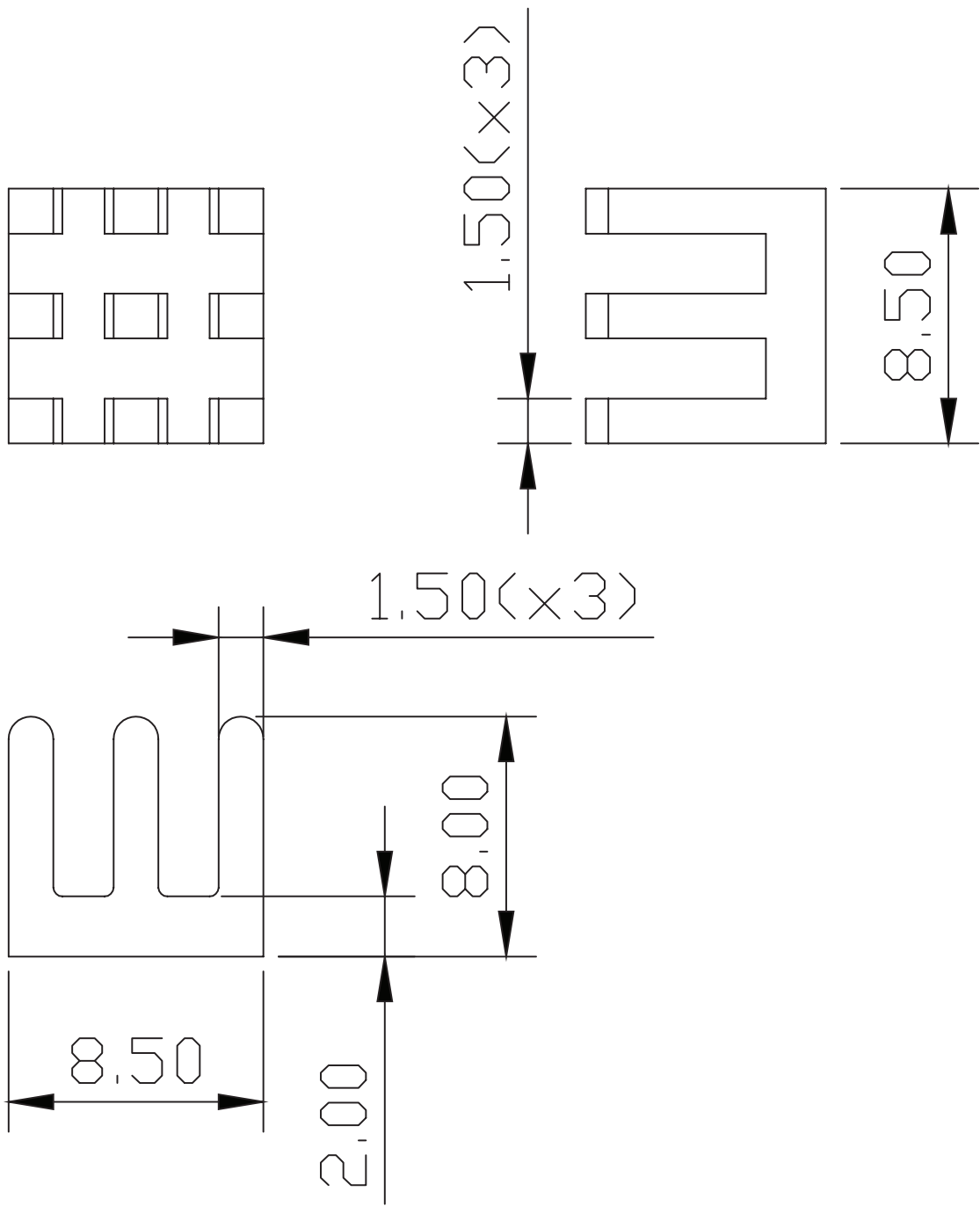
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.38 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	1.68 g



REVISION HISTORY

rev.	description	date
1.0	initial release	06/24/2021
1.01	logo, datasheet style update	08/05/2022
1.02	CUI Devices rebranded to Same Sky	09/12/2024
1.03	product reengineered for improved manufacturability and production yield, see PCN for details	12/11/2025

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



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

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