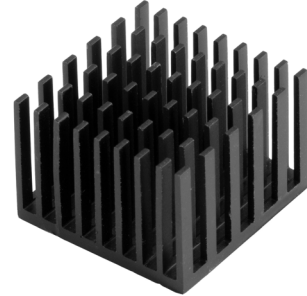


**SERIES:** HSB09-212115 | **DESCRIPTION:** HEAT SINK**FEATURES**

- BGA design
- top mount
- aluminum alloy
- black anodized finish

**MODEL**

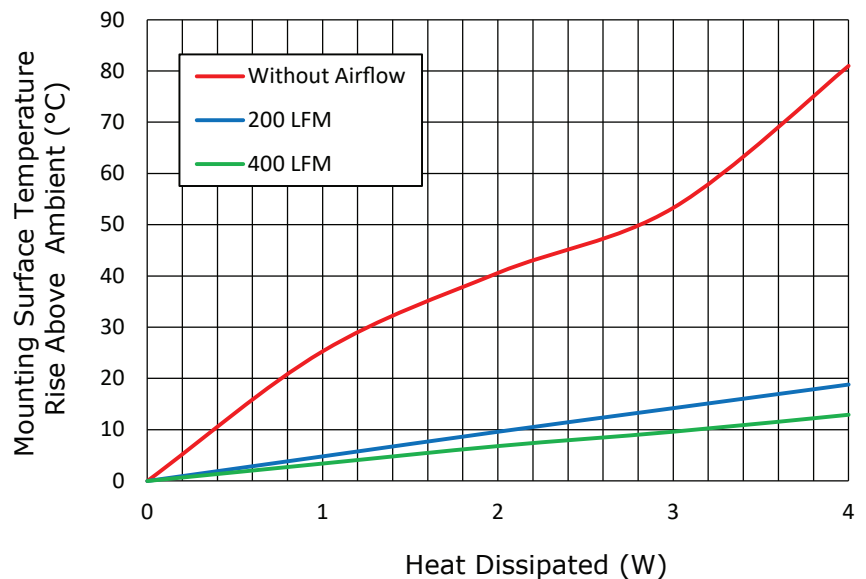
	thermal resistance ¹				power dissipation ¹
	@ 75°C ΔT , nat conv [°C/W]	@ 1 W, nat conv [°C/W]	@ 1 W, 200 LFM [°C/W]	@ 1 W, 400 LFM [°C/W]	@ 75°C ΔT , nat conv [W]
HSB09-212115	20.83	25.3	4.8	3.4	3.60

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	25.3	4.8	3.4
2	40.6	9.6	6.8
3	53.3	14.2	9.6
4	81.0	18.8	12.9

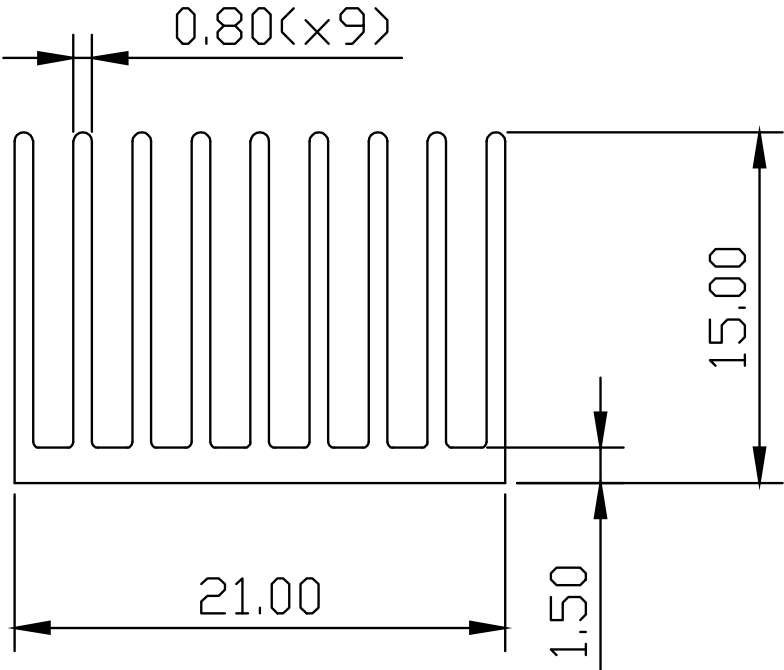
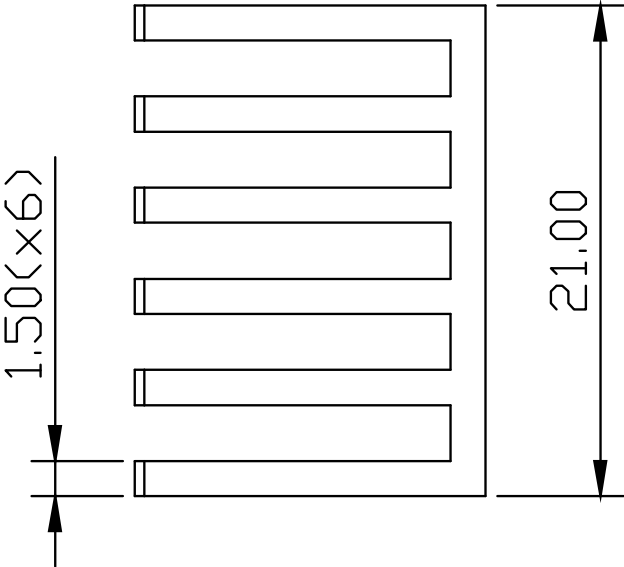
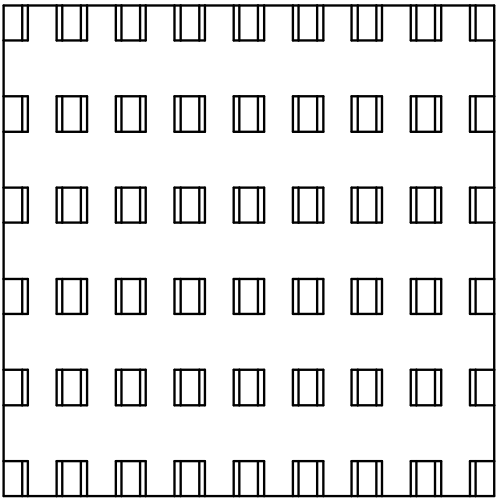
T_{hs} : "hot spot" temperature measured on the heatsink
 T_a : ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.38 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	9.13 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	factory location change	01/05/2026

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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