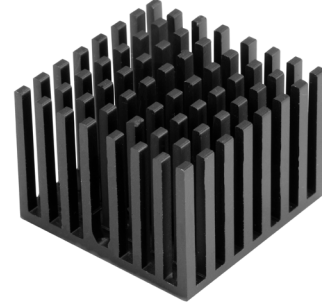




**MODEL:** HSB20-353525 | **DESCRIPTION:** HEAT SINK

**FEATURES**

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



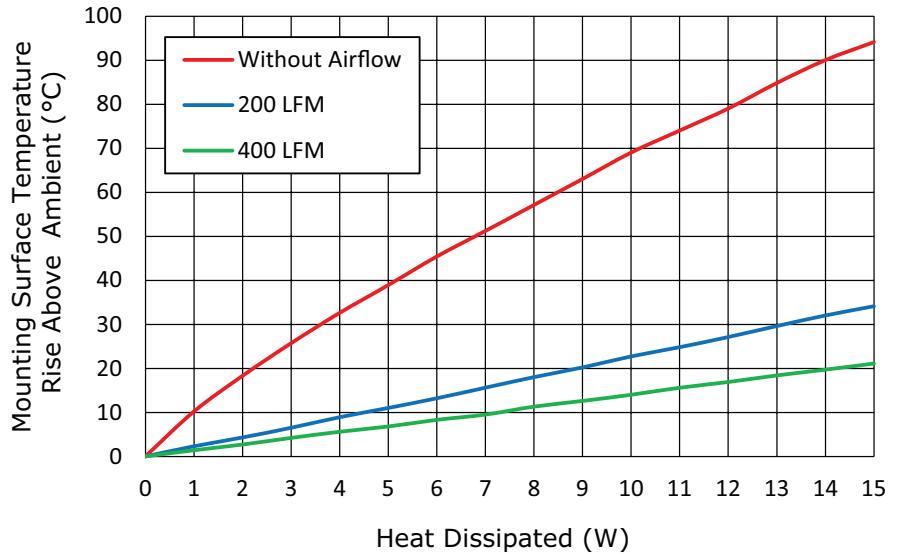
**MODEL**

	thermal resistance <sup>1</sup>				power dissipation <sup>1</sup> @ 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]	
HSB20-353525	6.72	10.2	2.3	1.4	11.15

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	10.2	2.3	1.4
2	18.3	4.3	2.7
3	25.7	6.5	4.2
4	32.6	8.9	5.6
5	38.9	11.0	6.8
6	45.4	13.2	8.3
7	51.2	15.6	9.5
8	57.1	18.0	11.3
9	63.0	20.2	12.6
10	69.0	22.7	14.0
11	74.0	24.8	15.6
12	79.0	27.1	16.9
13	84.8	29.6	18.4
14	90.0	32.0	19.7
15	94.1	34.1	21.1

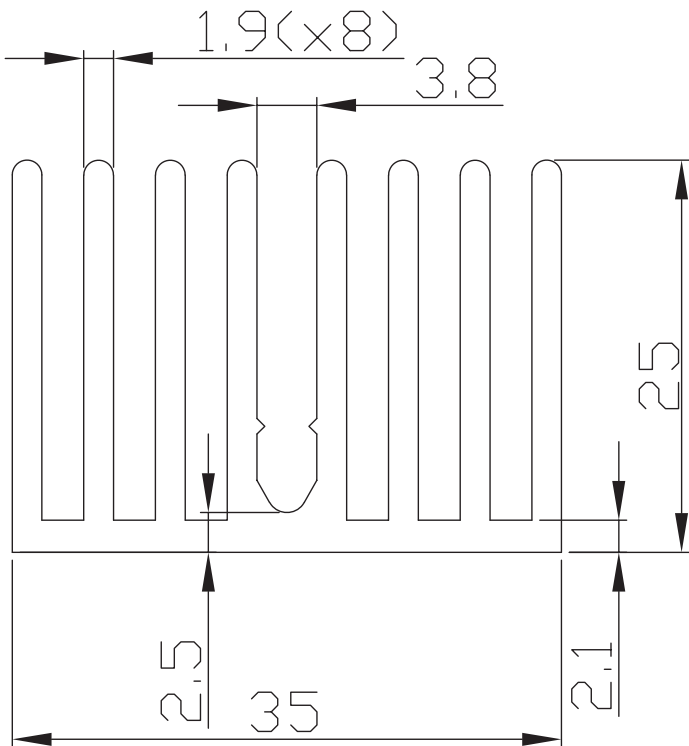
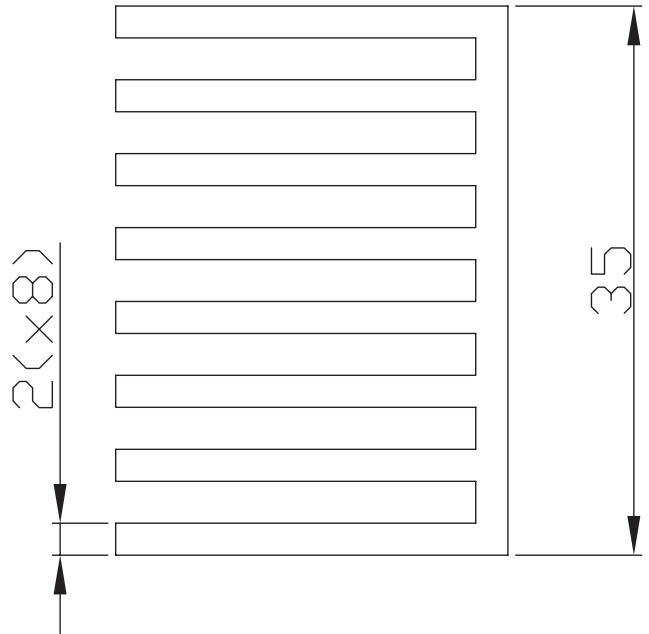
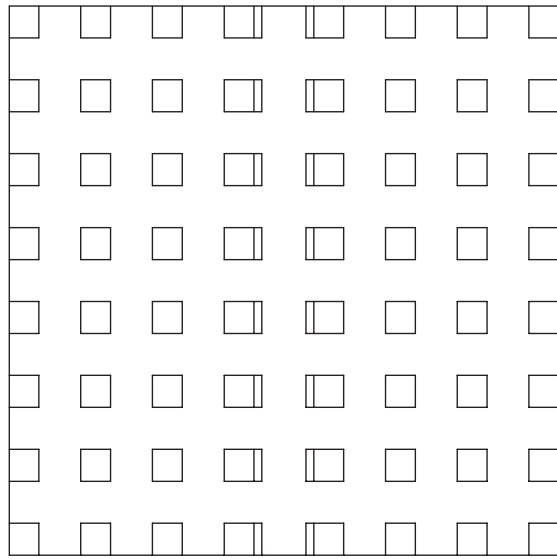


Ths: "hot spot" temperature measured on the heatsink  
Ta: ambient temperature

## MECHANICAL DRAWING

units: mm  
 tolerance:  
 X.X ±0.10 mm  
 X.XX ±0.05 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	20.0 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	01/26/2026

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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