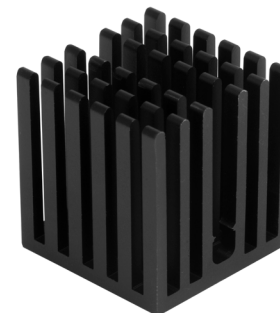


**MODEL:** HSB23-232325 | **DESCRIPTION:** HEAT SINK

**FEATURES**

- BGA design
- small footprint
- top mount
- aluminum alloy



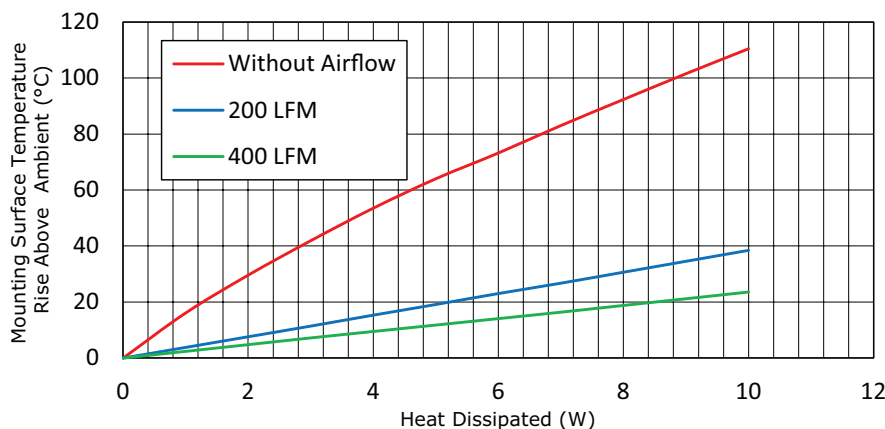
**MODEL**

	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]	
HSB23-232325	12.23	16.1	3.8	2.4	6.13

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

**PERFORMANCE CURVES**

Power [W]	Heatsink Temperature Rise Above Ambient (ΔT = T <sub>hs</sub> - T <sub>a</sub> ) [°C]		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	16.1	3.8	2.4
2	29.6	7.6	4.8
3	41.9	11.4	7.2
4	53.5	15.3	9.5
5	64.0	19.1	11.8
6	73.2	23.0	14.1
7	83.0	26.7	16.4
8	92.3	30.6	18.8
9	101.5	34.5	21.2
10	110.4	38.4	23.6

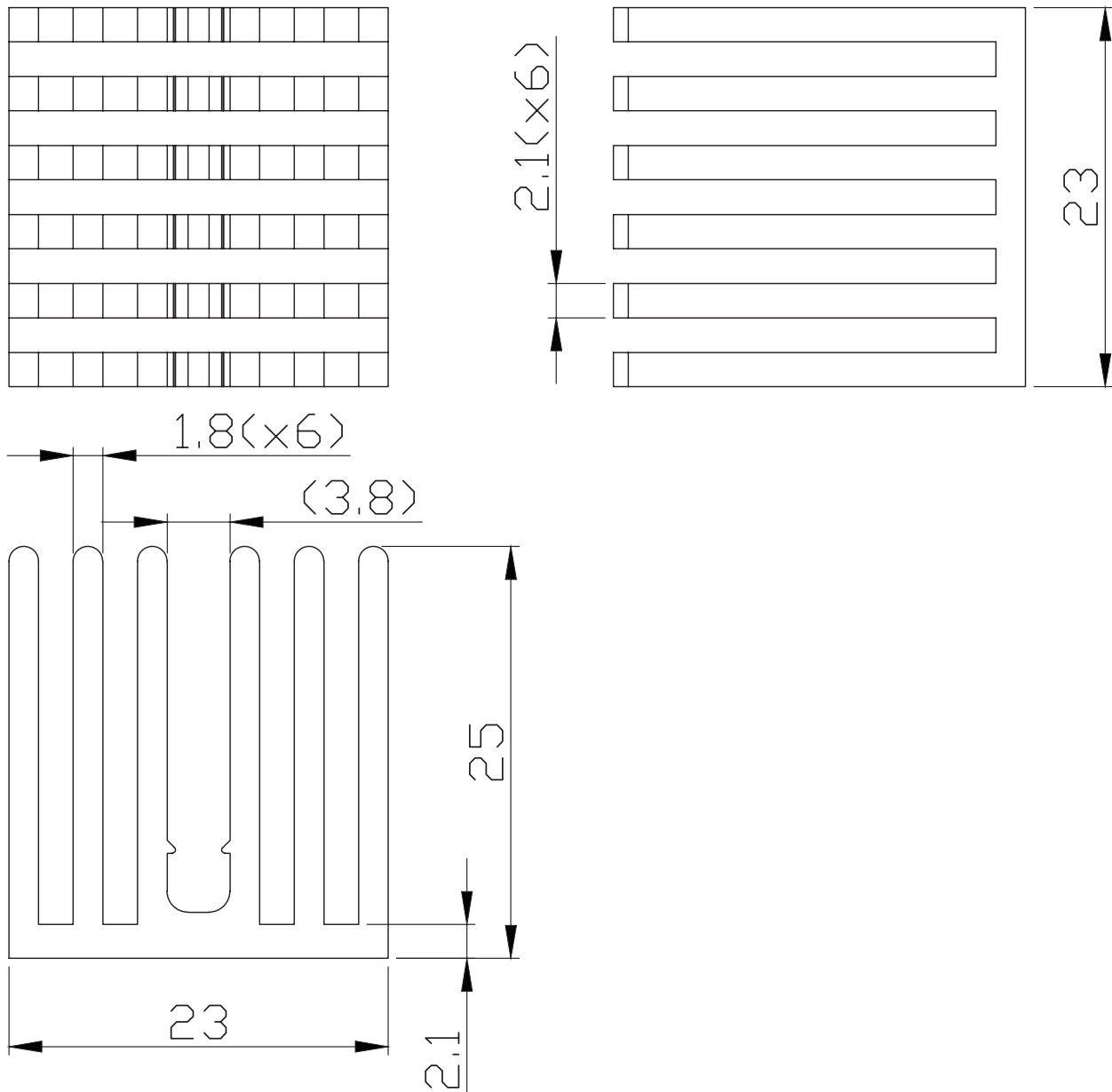


T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
T<sub>a</sub>: ambient temperature

## MECHANICAL DRAWING

units: mm  
tolerance: ±0.5 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	13.1 g



## REVISION HISTORY

rev.	description	date
1.0	initial release	04/22/2022
1.01	logo, datasheet style update	08/05/2022

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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