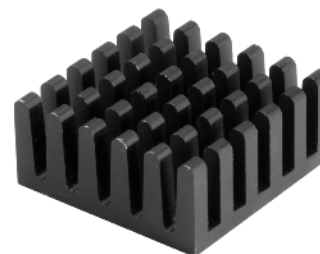


**MODEL:** HSB13-303014 | **DESCRIPTION:** HEAT SINK

**FEATURES**

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



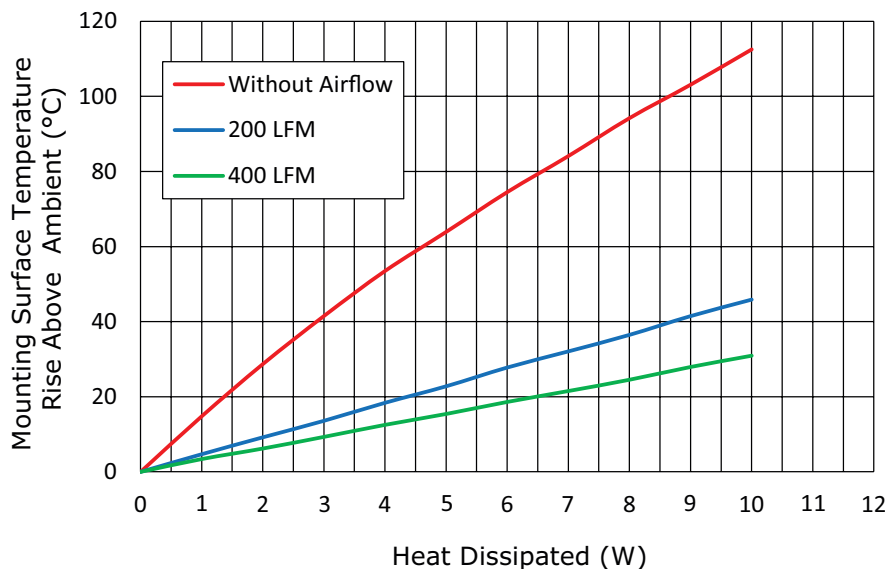
**MODEL**

HSB13-303014	thermal resistance <sup>1</sup>				power dissipation <sup>1</sup>
	@ 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]
	12.36	14.8	4.7	3.4	6.07

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	14.8	4.7	3.4
2	28.7	9.2	6.2
3	41.5	13.6	9.3
4	53.5	18.4	12.5
5	63.9	22.8	15.4
6	74.5	27.8	18.6
7	84.1	32.1	21.5
8	94.2	36.5	24.5
9	103.1	41.5	27.9
10	112.5	45.9	30.9

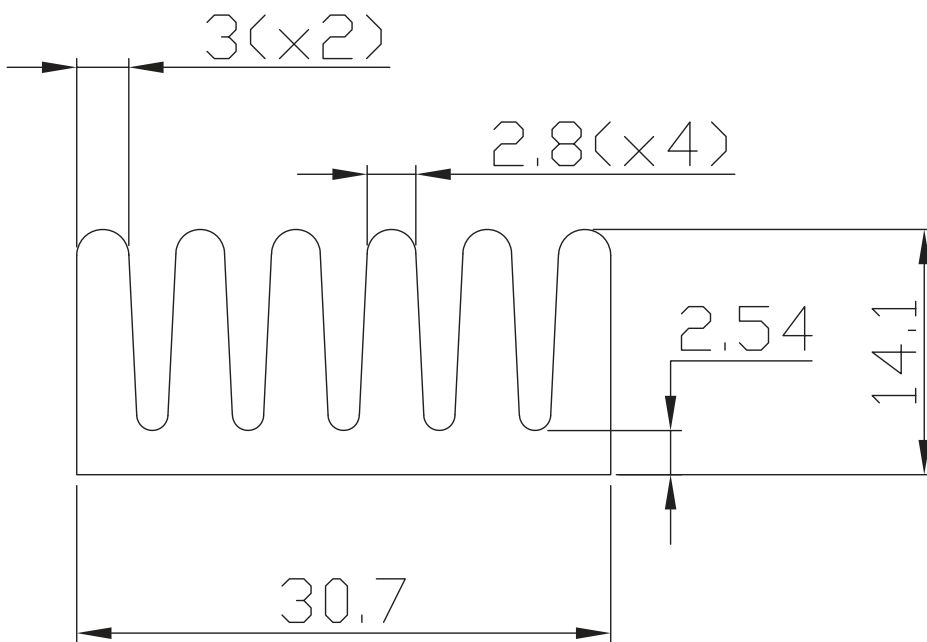
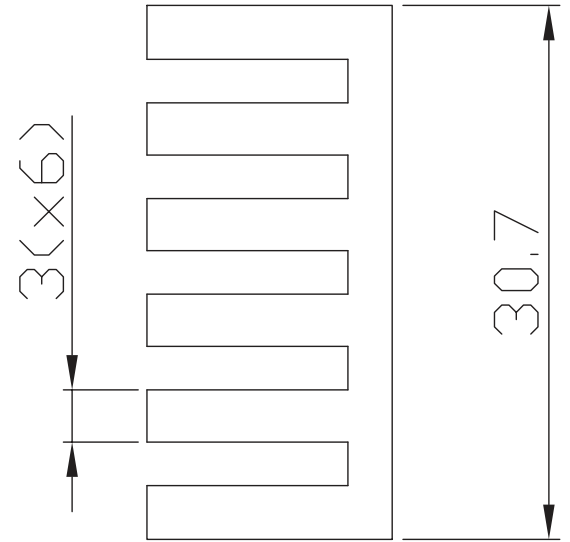
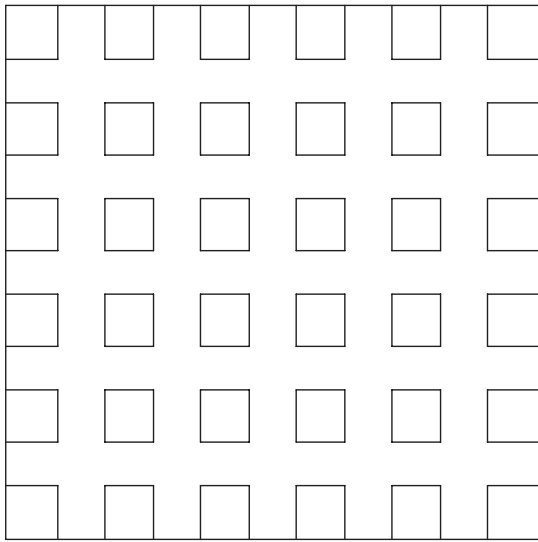


T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
 T<sub>a</sub>: ambient temperature

## MECHANICAL DRAWING

units: mm  
tolerance: ±0.38 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	15.0 g



## REVISION HISTORY

rev.	description	date
1.0	initial release	06/24/2021
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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