

**MODEL:** HSB09-212115 | **DESCRIPTION:** HEAT SINK

**FEATURES**

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



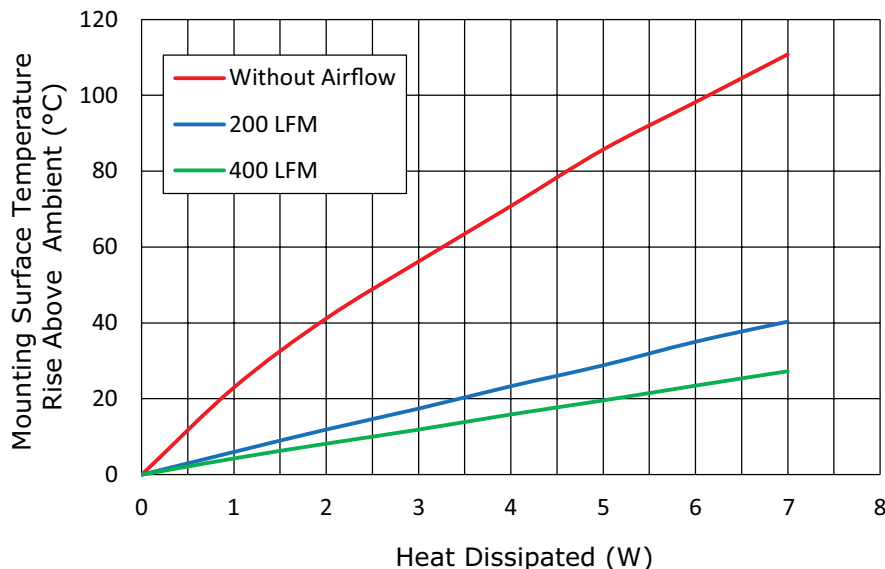
**MODEL**

HSB09-212115	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]
HSB09-212115	17.39	23.0	6.0	4.3	4.31

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	23.0	6.0	4.3
2	41.2	11.9	8.2
3	56.2	17.4	11.9
4	70.8	23.3	15.9
5	85.7	28.8	19.6
6	98.2	35.0	23.5
7	110.8	40.3	27.3

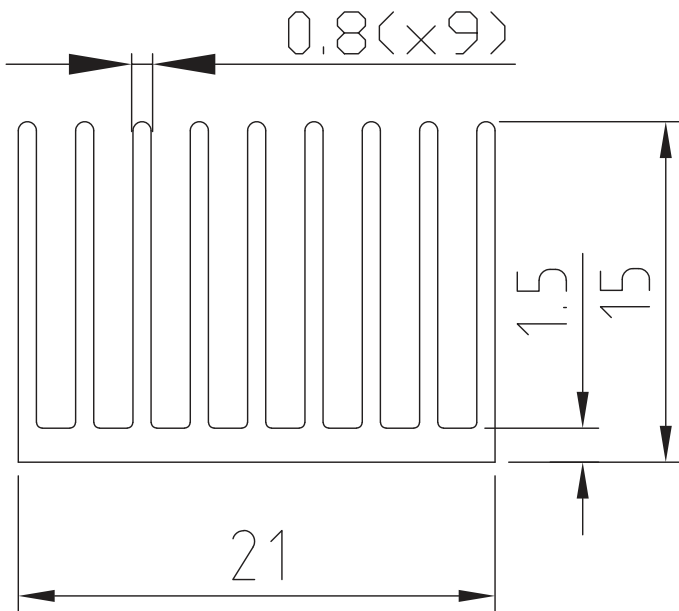
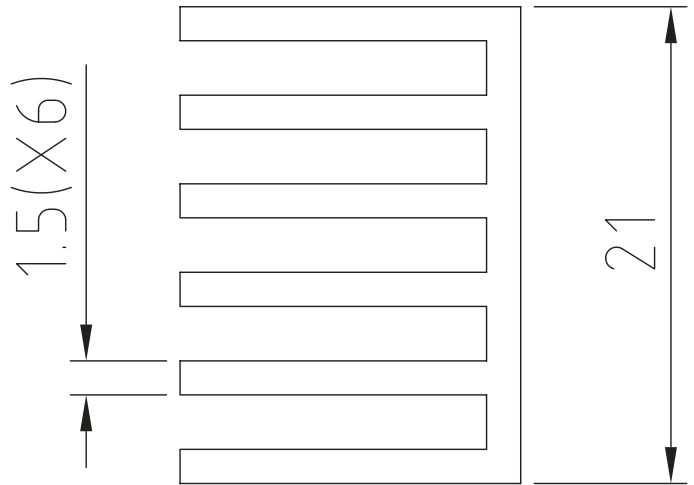
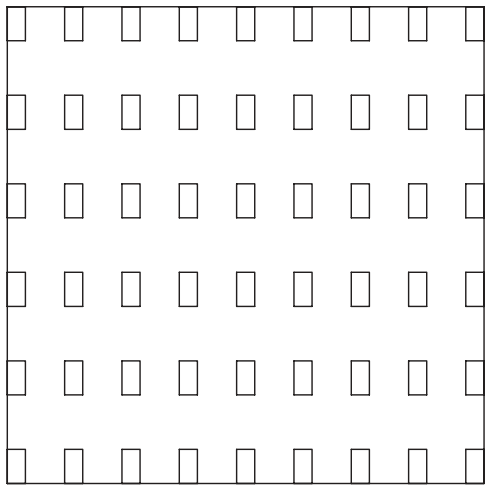


T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
 T<sub>a</sub>: ambient temperature

## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.38$  mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	10.1 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.



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