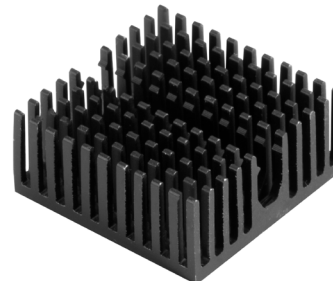


## MODEL: HSB18-232310 | DESCRIPTION: HEAT SINK

### FEATURES

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



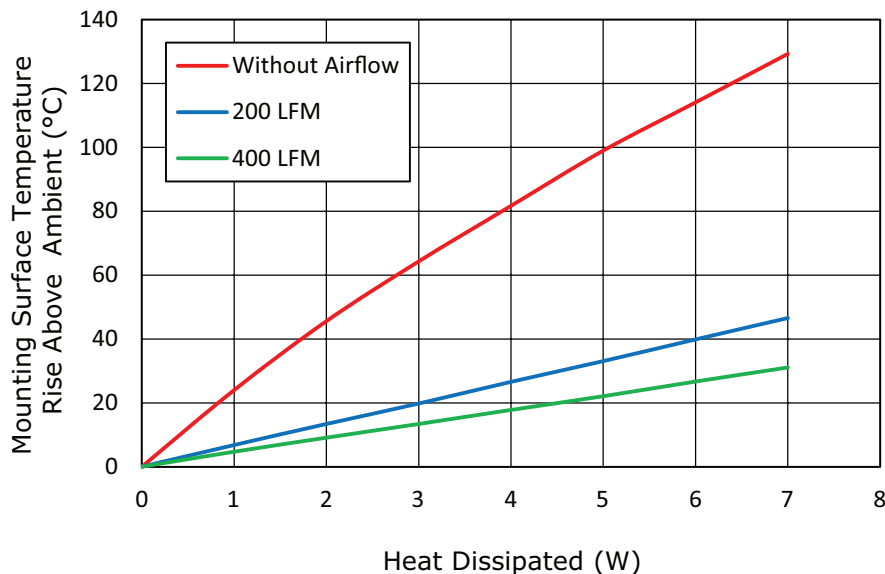
### MODEL

	thermal resistance <sup>1</sup>				power dissipation <sup>1</sup>
	@ 75°C ΔT, nat conv (°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)
HSB18-232310	20.41	24.0	6.8	4.7	3.67

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	24.0	6.8	4.7
2	45.6	13.4	9.1
3	64.3	19.8	13.4
4	81.7	26.6	17.8
5	99.0	33.1	22.1
6	114.1	39.9	26.7
7	129.3	46.6	31.1

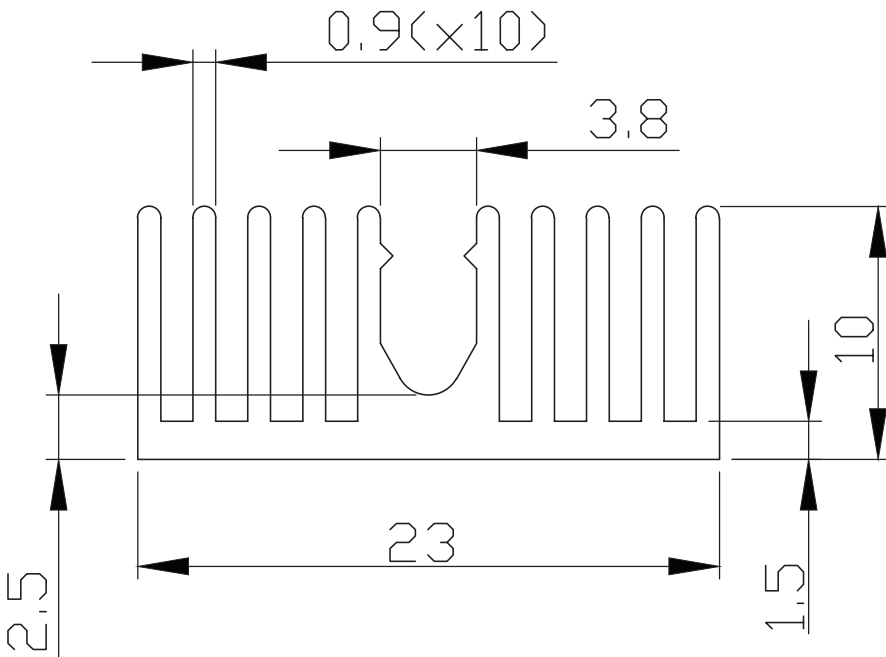
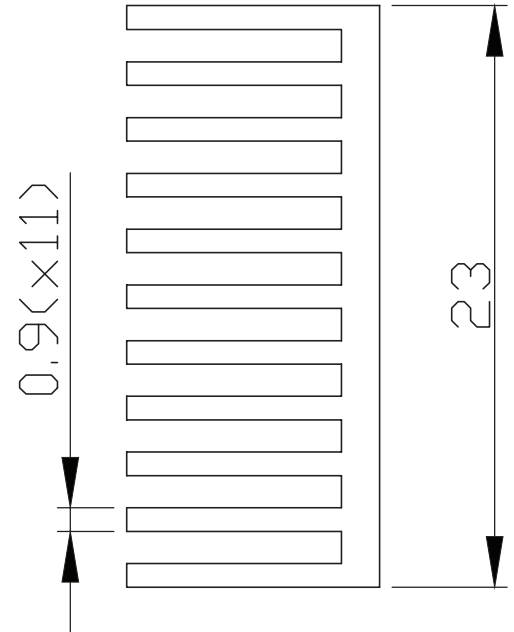
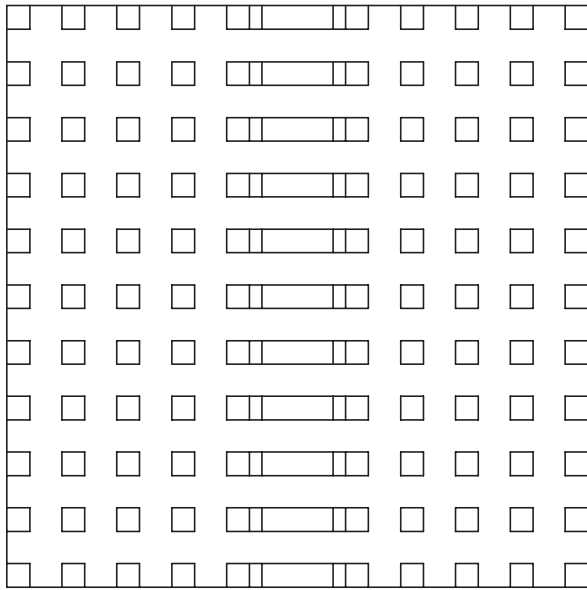


T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
 T<sub>a</sub>: ambient temperature

## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.38$  mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	4.8 g



## REVISION HISTORY

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

The revision history provided is for informational purposes only and is believed to be accurate.

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# CUI DEVICES

CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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