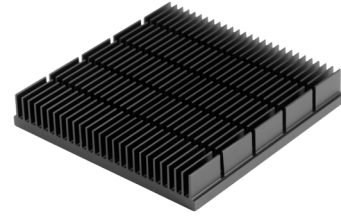


MODEL: HSB22-606010 | **DESCRIPTION:** HEAT SINK**FEATURES**

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

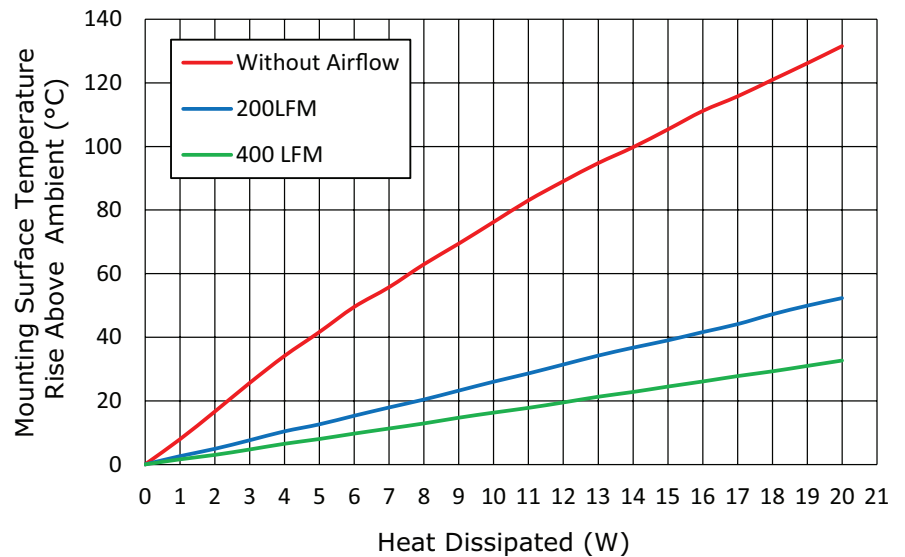
**MODEL**

	thermal resistance ¹				power dissipation ¹
	@ 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]
HSB22-606010	7.62	7.9	2.6	1.6	9.84

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

PERFORMANCE CURVES

Power [W]	Heatsink Temperature Rise Above Ambient [ΔT = T _{hs} - T _a] [°C]		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	7.9	2.6	1.6
2	16.6	4.9	3.0
3	25.6	7.6	4.7
4	34.1	10.4	6.5
5	41.6	12.6	8.0
6	49.5	15.3	9.7
7	55.7	17.9	11.3
8	62.9	20.4	12.9
9	69.4	23.2	14.7
10	76.2	26.0	16.3
11	83.0	28.6	17.8
12	89.0	31.4	19.5
13	94.7	34.2	21.3
14	99.7	36.7	22.8
15	105.3	39.0	24.5
16	111.1	41.6	26.1
17	115.7	44.1	27.8
18	120.9	47.2	29.3
19	126.1	49.9	31.0
20	131.5	52.3	32.7

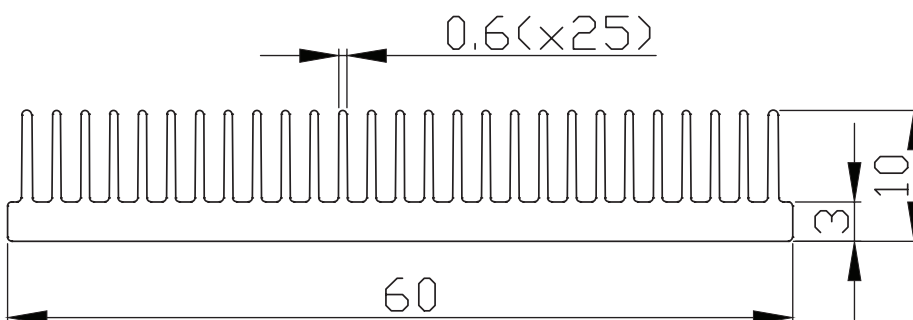
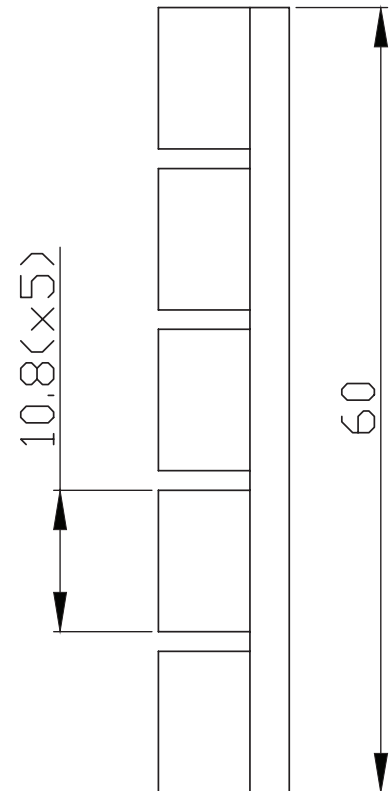
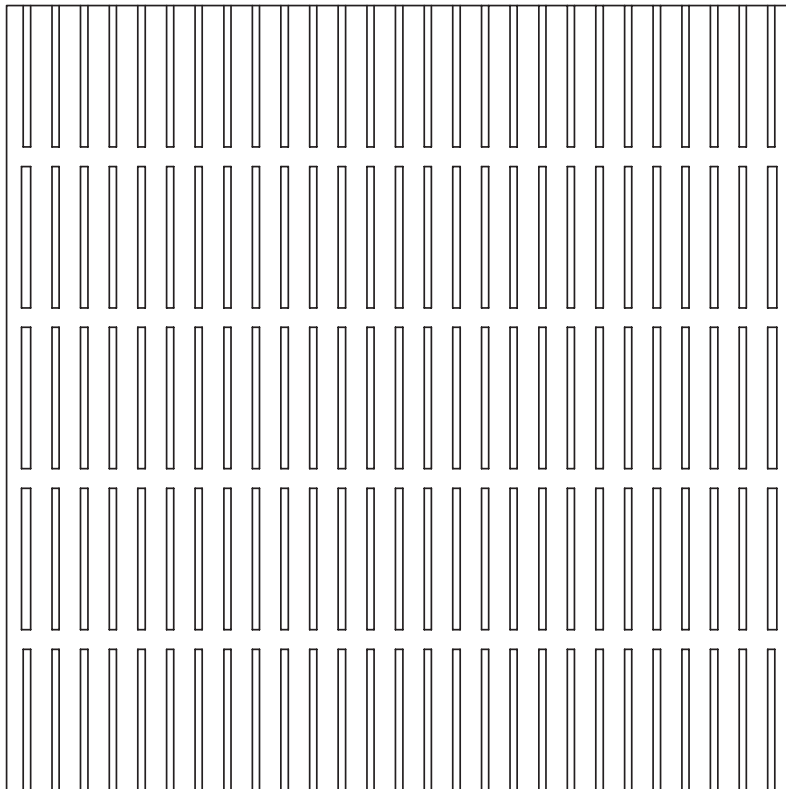


T_{hs}: "hot spot" temperature measured on the heatsink
T_a: ambient temperature

MECHANICAL DRAWING

units: mm
tolerance: ± 0.38 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	80 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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