

**MODEL:** HSB31-212105 | **DESCRIPTION:** HEAT SINK

**FEATURES**

- BGA design
- low profile
- aluminum alloy
- black anodized finish



**MODEL**

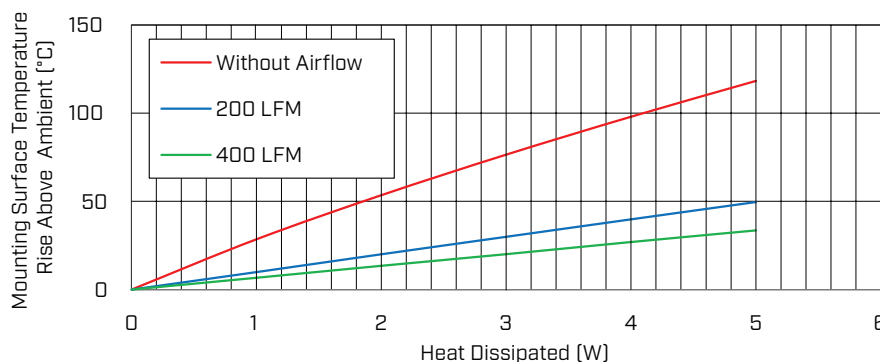
	thermal resistance <sup>1</sup>				power dissipation <sup>1</sup> @ 75°C ΔT, nat conv [W]
	@ 75°C ΔT, nat conv [°C/W]	@ 1 W, nat conv [°C/W]	@ 1 W, 200 LFM [°C/W]	@ 1 W, 400 LFM [°C/W]	
HSB31-212105	25.33	28.5	9.9	6.7	2.96

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	28.5	9.9	6.7
2	53.5	20.0	13.5
3	76.5	29.9	20.1
4	98.0	39.8	27.0
5	118.3	49.6	33.6

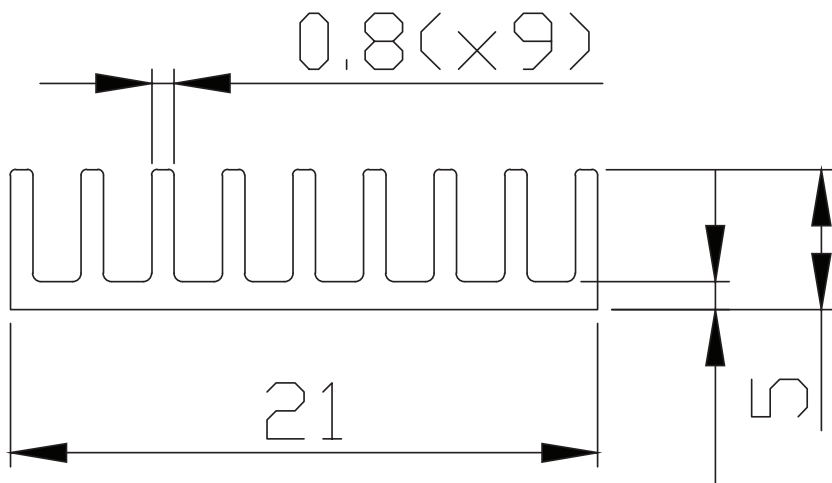
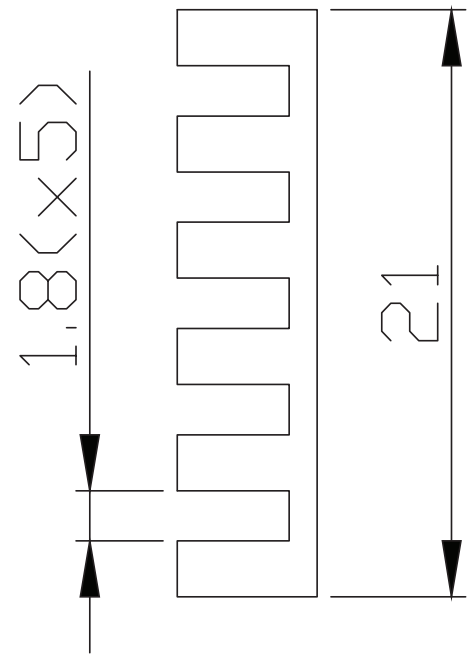
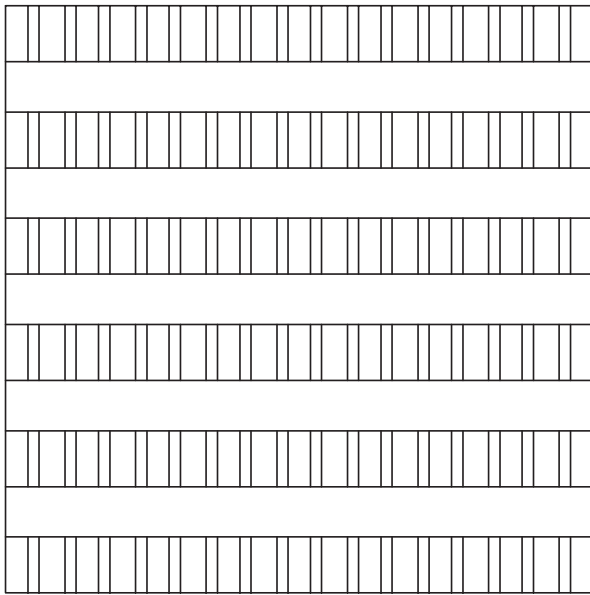
T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
T<sub>a</sub>: ambient temperature



## MECHANICAL DRAWING

units: mm  
tolerance: ±0.50 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	2 g



## REVISION HISTORY

rev.	description	date
1.0	initial release	03/01/2024

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



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