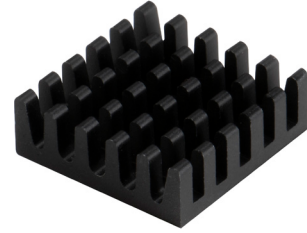


MODEL: HSB04-171706 | **DESCRIPTION:** HEAT SINK**FEATURES**

- BGA design
- small footprint
- aluminum alloy
- black anodized finish

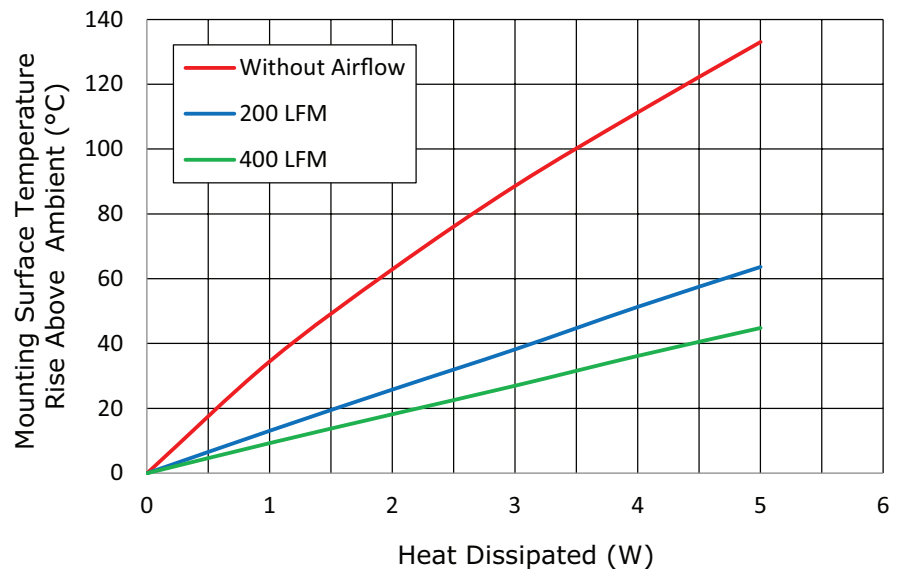
**MODEL**

	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)
HSB04-171706	29.73	34.5	13.1	9.3	2.52

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

PERFORMANCE CURVES

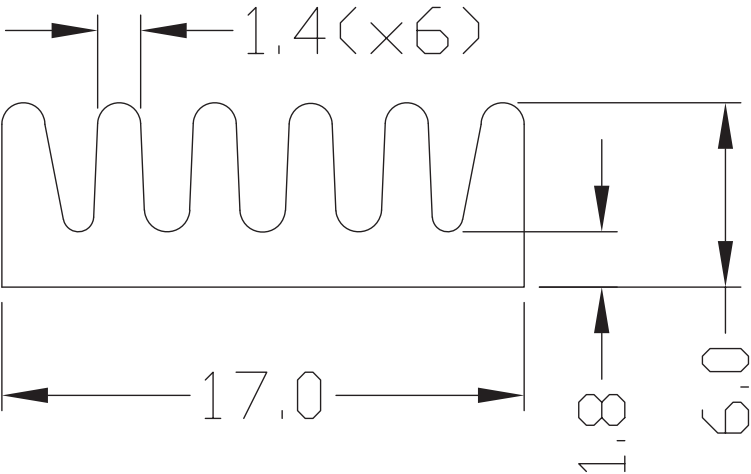
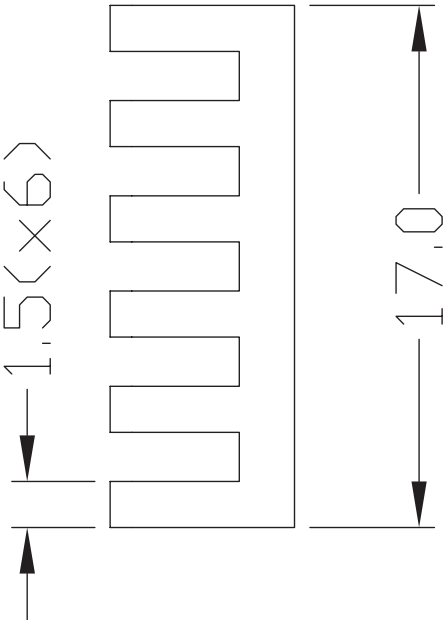
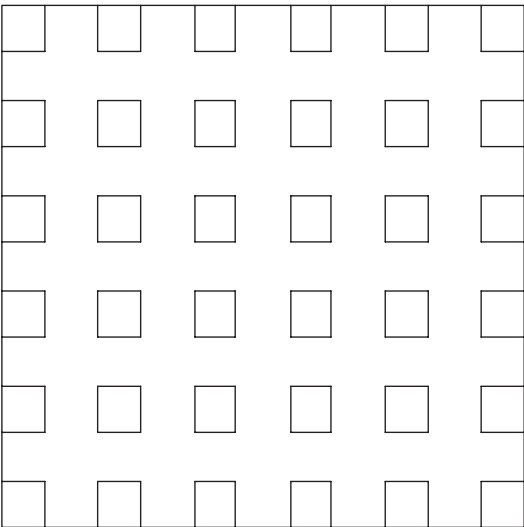
Power (W)	Heatsink Temperature Rise Above Ambient (ΔT = T _{hs} - T _a) (°C)		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	34.5	13.1	9.3
2	62.9	25.8	18.2
3	88.6	38.2	27.0
4	111.3	51.3	36.2
5	133.0	63.6	44.8

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	2.7 g



REVISION HISTORY

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.

CUI DEVICES

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