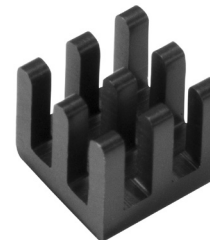


MODEL: HSB01-080808 | DESCRIPTION: HEAT SINK

FEATURES

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



MODEL

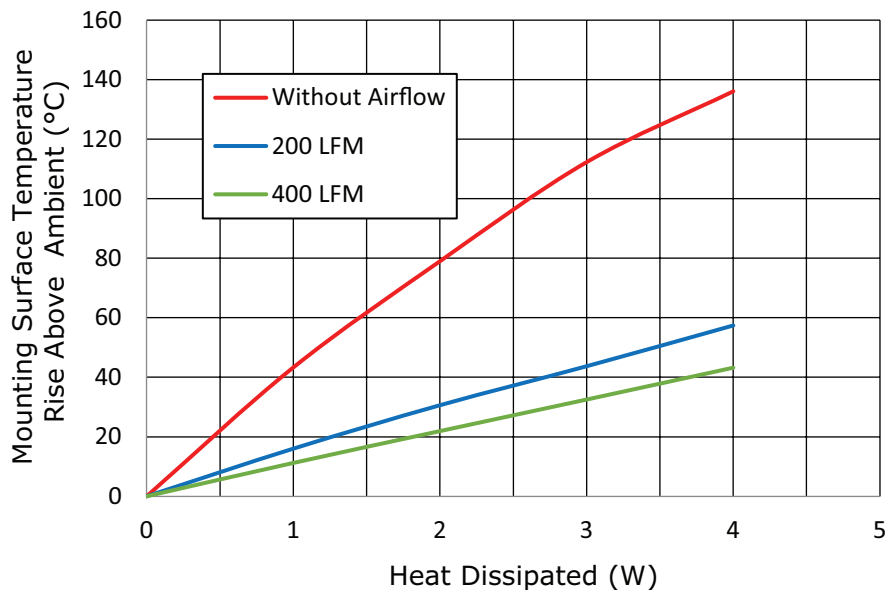
MODEL	thermal resistance ¹				power dissipation ¹
	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	@ 75°C ΔT, nat conv (W)
HSB01-080808	39.10	43.30	16.00	11.20	1.92

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	43.3	16.0	11.2
2	79.0	30.6	21.9
3	112.3	43.7	32.5
4	136.1	57.4	43.2

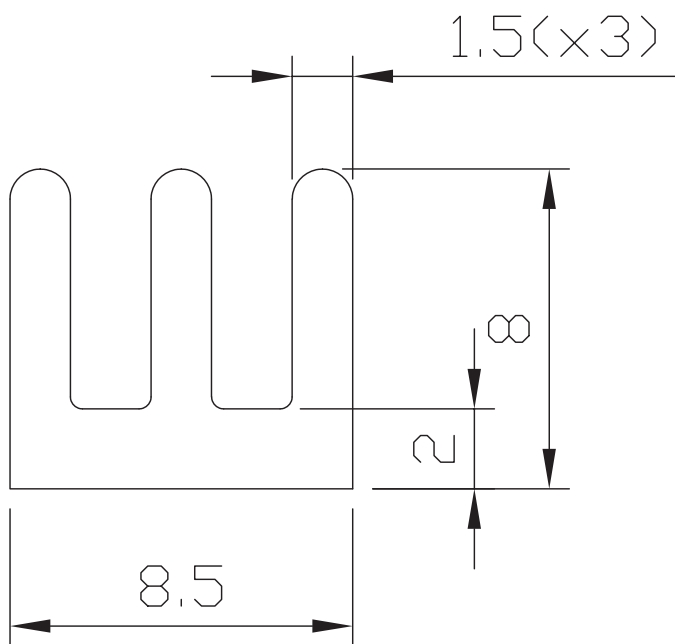
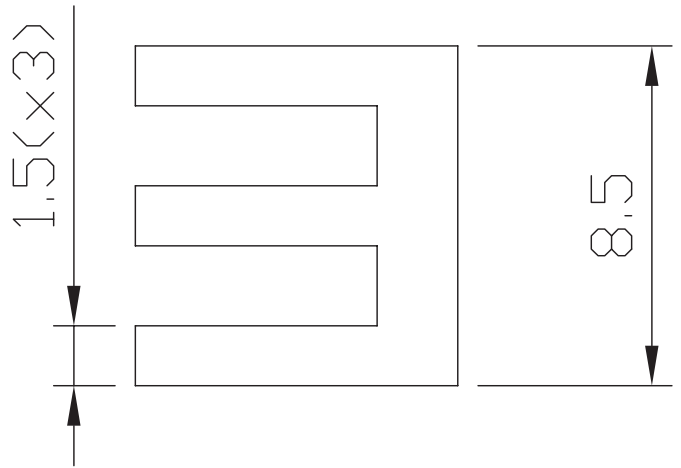
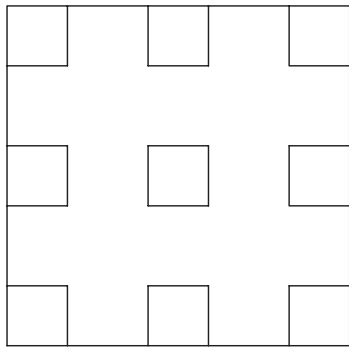
T_{hs}: "hot spot" temperature measured on the heatsink
T_a: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ± 0.38 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	1.9 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.

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