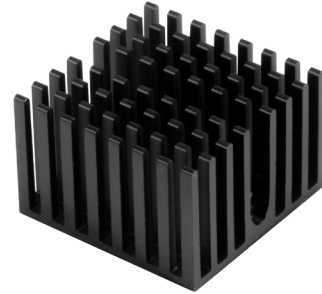


**MODEL:** HSB17-404025 | **DESCRIPTION:** HEAT SINK**FEATURES**

- 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]
HSB17-404025	6.30	9.3	2.3	1.8	11.90

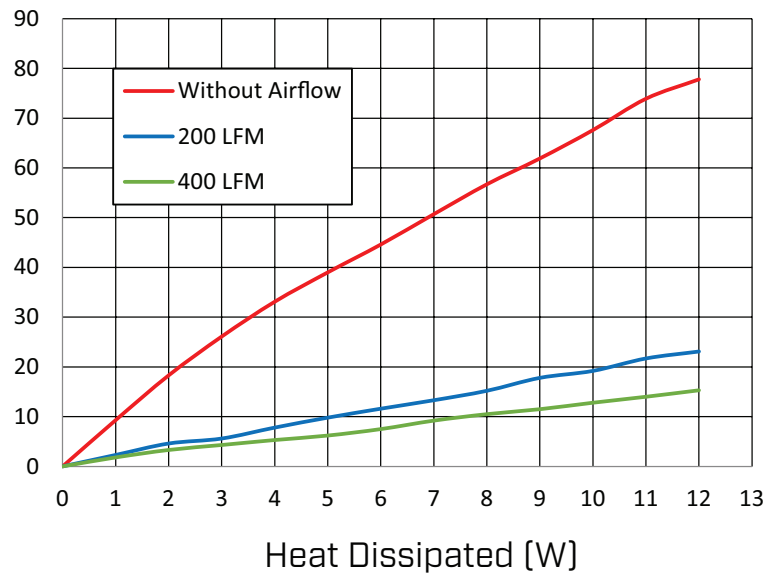
Note: 1. See performance curves for full thermal resistance details.

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	9.3	2.3	1.8
2	18.3	4.6	3.3
3	26.1	5.6	4.3
4	33.1	7.8	5.3
5	39.0	9.8	6.2
6	44.6	11.6	7.5
7	50.7	13.3	9.2
8	56.7	15.2	10.5
9	61.9	17.8	11.5
10	67.6	19.2	12.8
11	73.9	21.7	14.0
12	77.8	23.1	15.3

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

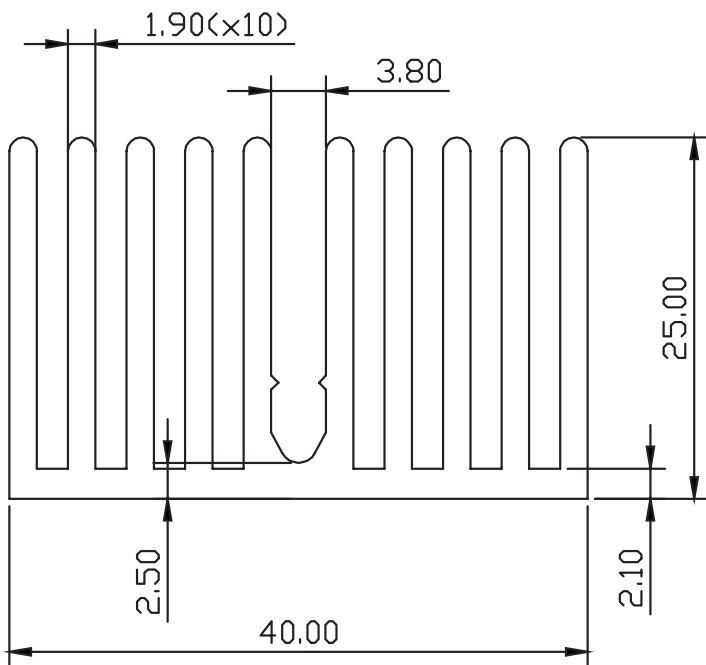
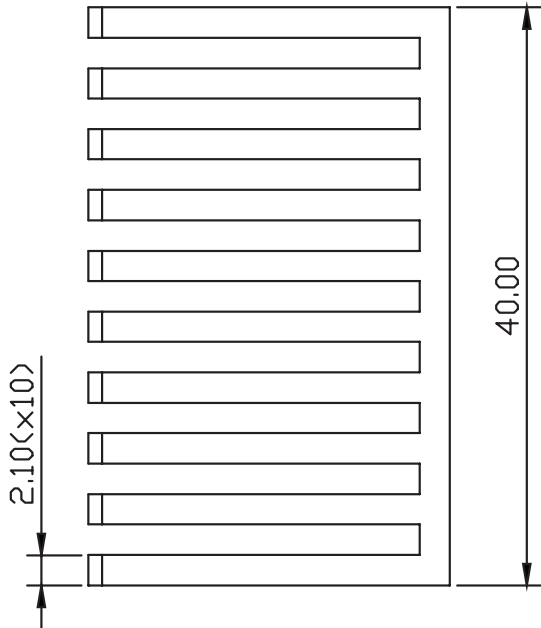
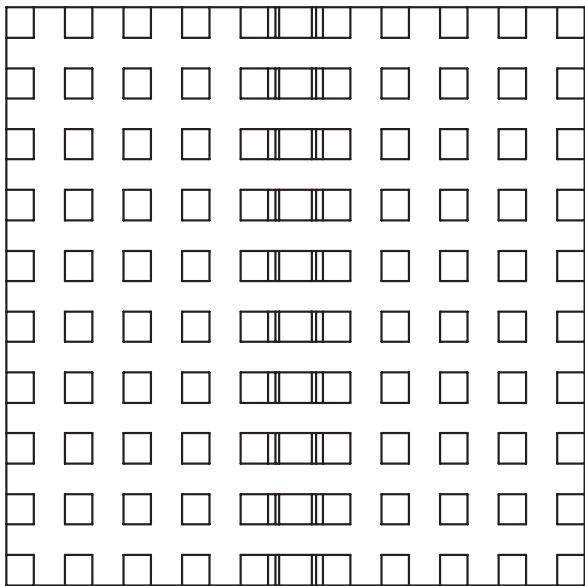
Mounting Surface Temperature Rise Above Ambient [°C]



MECHANICAL DRAWING

units: mm
tolerance: ±0.38 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	65.83 g



REVISION HISTORY

rev.	description	date
1.0	initial release	06/24/2021
1.01	logo, datasheet style update	08/05/2022
1.02	CUI Devices rebranded to Same Sky	09/12/2024
1.03	product reengineered for improved manufacturability and production yield, see PCN for details	12/17/2025

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



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

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