

**MODEL:** HSB23-232325 | **DESCRIPTION:** HEAT SINK**FEATURES**

- BGA design
- small footprint
- top mount
- aluminum alloy

**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]
HSB23-232325	11.71	17.80	4.10	2.80	6.40

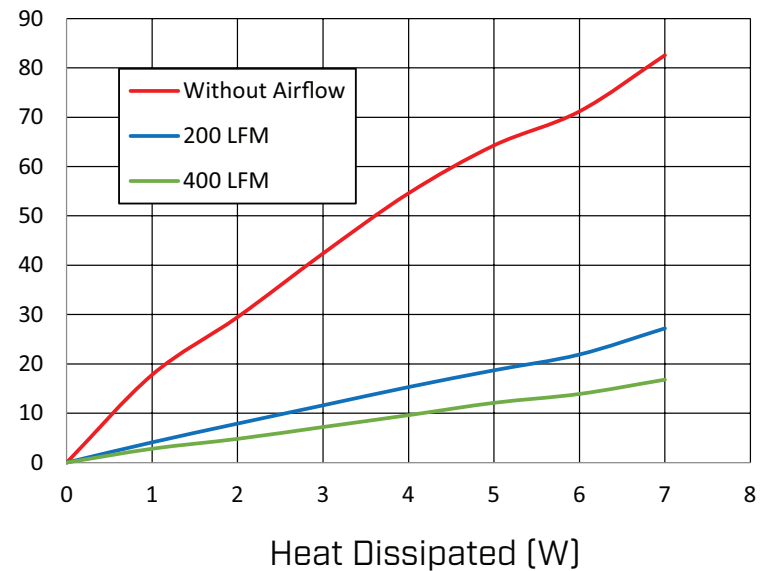
Note: 1. See performance curves for full thermal resistance details.

PERFORMANCE CURVES

Power [W]	Heatsink Temperature Rise Above Ambient ($\Delta T = T_{hs} - T_a$) [°C]		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	17.8	4.1	2.8
2	29.5	7.9	4.8
3	42.4	11.6	7.2
4	54.6	15.3	9.6
5	64.3	18.7	12.1
6	71.2	21.9	13.9
7	82.6	27.2	16.8

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

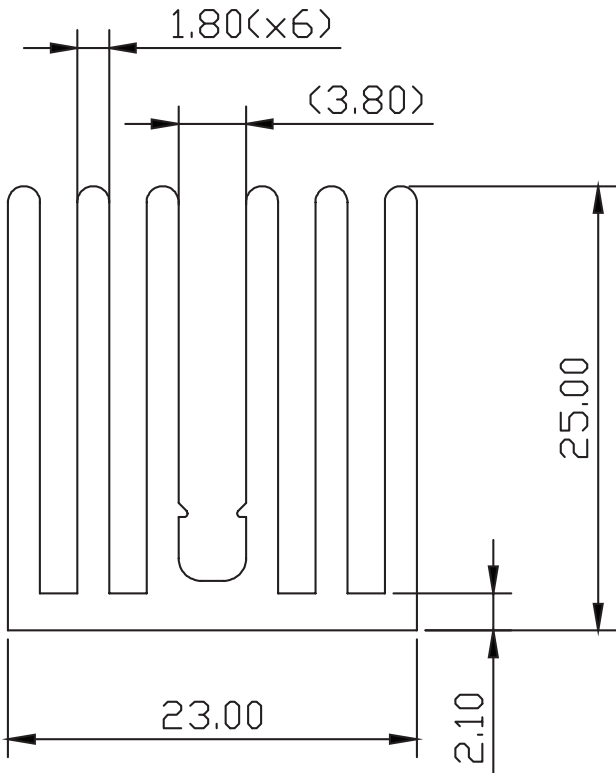
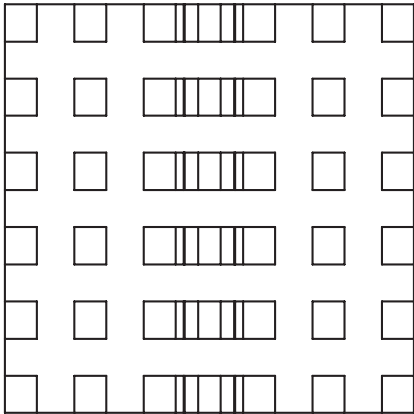
Mounting Surface Temperature Rise Above Ambient [°C]



MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	21.75 g



REVISION HISTORY

rev.	description	date
1.0	initial release	04/22/2022
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	12/12/2025

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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